

Downloading the Application

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Checking the OS Version

Use the following steps to verify the OS version in the Omni V^X510 – Omni 3730 / V^X510LE – Omni 3730LE / 3300 / 3350 / 3740 / 3750 terminal models.

1. Unplug and plug back in the Omni terminal.
2. The first screen that appears on the terminal displays “VeriFone O3xxx”. Below this heading is the OS version, which is formatted Qx00xxxx. Below is an example of the screen displayed during the boot process.

```
VERIFONE O3750
Q50018AO
```

Verify the Memory

Use the following steps to verify the terminal memory:

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F2] to select CONFIG or SYSTEM INFO.
SYSTEM MODE CONF RAM FILES XXX INUSE XXXXXX AVAIL XXXXXXX FLASH FILES XXX INUSE XXXXXX AVAIL XXXXXXX	Press [↓] .
SYSTEM MODE CONF RAM XXXX FLASH XXXX	Add the figures listed for both RAM and FLASH. Examples: RAM is 512 + FLASH is 2048 = 2560 =>2.5 MEG RAM is 1024 + FLASH is 2048 = 3072 =>3.0 MEG RAM is 2048 + FLASH is 2048 = 4096 => 4.0 MEG Press [CLEAR] until screen displays SYS MODE MENU 1.
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [F4] to restart. The terminal will return to the idle prompt after a few moments of reconfiguration.

Checking for Multiple Applications – Checking for 3rd Party Applications

Use the following steps to verify the number of applications contained in the V^X510 – Omni 3730 / Omni 3300 / 3350 / 3740 / 3750.

Note: The V^X510LE – Omni 3750LE does not support multiple applications. The VIVOTECH application can't be detected using this procedure. The V^X510 – Omni 3730 can only support 1 additional application.

1. From the terminal's idle prompt, press the * (asterisk) key on the terminal keypad.
2. If the terminal beeps and remains on the idle prompt, only VMAC and the Verix application reside in the terminal. Use the standard Full Download procedures on page [3-5](#) for Dial or page [3-10](#) for Frame to re-download the terminal.
3. If the terminal beeps and the display changes to display "SoftPay" along with other application names on the right-hand side of the screen, then the terminal contains multiple applications.
4. In order to perform a full download, use the instructions on [3-53](#) to RAM Clear only File Group 2 and perform a full download.

Multi-Application Setup

Follow the procedures below to add multiple applications to a VeriCentre file. This will allow the OS, UEPA281 or SEPA281, VMAC, VIVOTECH and COMM. Server (if applicable) to load while only dialing into VeriCentre one time.

Note: This procedure does not apply to the Omni V^x510LE – 3730LE.

To add a application follow these steps:

1. Open the merchant's download file in VeriCentre.
2. Click on the General page.
3. Click Add.
4. Select the desired application.
5. Click OK in pop up box.
6. Click OK on bottom right of screen.
7. Follow the appropriate Full Download procedure to load UEPA281 or SEPA281, VMAC, VIVOTECH and COMM. Server (COMSVR230J) in a multi-application environment.

To remove a application follow these steps:

Note: The OS must be removed from the VeriCentre file after an upgrade has been completed.

1. Once the Full Download has completed, open the merchant's download file in VeriCentre.
2. Click on the General page.
3. Highlight the application to be deleted.
4. Click Remove.
5. Click YES when asked "Are you sure you want to delete the application [xxxxxx]?"
6. Click OK.

Full Download – Dial Connection

A full download of the V^X510 - Omni 3730 / V^X510LE – Omni 3730LE with application SEPA281 or the Omni 3300 / 3350 / 3740 / 3750 with the application UEPA281 utilizing a dial modem takes approximately 9 minutes to complete at a baud rate of 14.4. An additional 5 minutes will be added to the download time if an OS upgrade is included in the download. The following values are required to initiate the download:

- *ZA – Application Name
- *ZP – Download Phone Number (18666589186)
- *ZT – Terminal ID
- *ZR – Download Baud Rate (6)
- *ZRESP – Download Modem Connection Response (16)

Note: Remember to check the OS version and the memory of the terminal before beginning the download procedures.

Note: Asterisks will appear on the terminal display when keying in a password.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press [F3] to select Clear All Files.
SYS MODE FILE GROUP 1 PASSWORD -----	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG x F4	Press [F3] to select Clear All Files.

Display	Action
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH. Note: Once this step is complete, the terminal is ready to accept a full download.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for the file group into which you are downloading (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 1 FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT G 1 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 1 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G1 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE
SYS MODE EDIT G 1 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT G 1 KEY _____	Key [*] [Z] [P] and then press [ENTER] .

Display		Action
SYS MODE EDIT VALUE _____ _____	G 1	Key the download phone number provided by Paymentech and then press [ENTER] . If PABX of 9 is required, then [9] , should be keyed prior to the phone number.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____ _____	G 1	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the terminal ID provided by Paymentech and press [ENTER] .
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____ _____ _____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1	Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the following Application Name (dependent upon hardware) and then press [ENTER] : V ^X 510LE - Omni 3730LE = SEPA281 V ^X 510 - Omni 3730 / Omni 3300 / 3350 / 3740 / 3750 = *MA
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP _____ _____ _____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1	Press [*] [Z] [R] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.

Display	Action
SYS MODE EDIT G 1 VALUE _____ _____	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [6] , which indicates 14,400. <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT G 1 *ZR KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 1 *ZP KEY F2 [value] VALUE F3	Press [F2] .
SYS MODE EDIT G 1 KEY *ZP _____	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT G 1 KEY _____ _____	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT G 1 VALUE _____ _____	Key the modem connect response time as instructed by Paymentech and then press [ENTER] . Typically this value will be [1] [6] , if downloading on a 14.4 modem. <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT G 1 *ZRESP KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 1 KEY *ZP _____ _____	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.

Display	Action
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application(s) and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Full Download – Frame Connection

A full download of the Omni 3750 Ethernet or Dual Comm. terminal with the UEPA281 application may take approximately 3-7 minutes to complete. An additional 2 minutes will be added to the download time if an OS upgrade is included in the download. The following values are required to initiate the download:

Note: Remember to check the OS version and the memory of the terminal before beginning the download procedures.

- *ZA – Application Name (*MA)
- *ZP – IP Address and Port Number (208.237.46.17:8013)
- *ZT – Terminal ID
- *ZR – Download Baud Rate (9)
- *ZRESP – Download Modem Connection Response (19)
- *ZSWESC – Software Termination of Connection Response (1)
- *MC – Modem Country Code (22)
- *SMDL – Poll Enable/Disable (1)
- *TIME – Time Format (50)

Note: Although, downloads must take place over DHCP Frame or VSAT, the download being loaded into the Omni 3750 Ethernet may support Static IP Frame, Static Internet Transport via NetConnect, DHCP Internet Transport via NetConnect, DHCP Frame, DHCP VSAT or Static VSAT.

Note: Asterisks will appear on the terminal display when keying in a password.

Note: Downloads in a Frame environment must take place in DHCP mode. Static IP downloads are not supported at this time.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press [F3] to select Clear All Files.
SYS MODE FILE GROUP 1 PASSWORD -----	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .

Display	Action
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG x F4	Press [F3] to select Clear All Files.
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH. Note: Once this step is complete, the terminal is ready to accept a full download.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for the file group into which you are downloading (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 1 FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT G 1 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 1 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G1 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 1 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.

Display	Action
SYS MODE EDIT KEY *GO _____ _____	G 1 Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT KEY _____ _____	G 1 Key [*] [Z] [P] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1 Key the IP Address and Port Number provided by Paymentech and then press [ENTER]. Use the following format to key the IP Address and Port Number: 208.237.46.17:8013
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____ _____	G 1 Key [*] [Z] [T] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1 Key the terminal ID provided by Paymentech and press [ENTER].
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____ _____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1 Press [*] [Z] [A] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1 Key the value [*] [M] [A] and then press [ENTER]. This field should always be completed with this value.
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [F2].
SYS MODE EDIT KEY *ZP _____ _____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1 Press [*] [Z] [R] and then press [ENTER].

Display		Action
SYS MODE EDIT VALUE _____ _____	G 1	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [9] , which indicates Frame.
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the modem-connect response time as instructed by Paymentech and then press [ENTER] . The modem connection response will be [1] [9] , which indicates Frame.
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [M] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key [2] [2] and press [ENTER] .
SYS MODE EDIT *MC [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [S] [M] [D] [L] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key [1] and press [ENTER] .

Display	Action
SYS MODE EDIT *SMDL [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [Z] [S] [W] [E] [S] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 1 Key [1] and press [ENTER] .
SYS MODE EDIT *SWESC [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [T] [I] [M] [E] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 1 Key [5] [0] and press [ENTER] .
SYS MODE EDIT *TIME [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F3] for a full download.

Display	Action
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F4] for TCPIP.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application(s) and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Verifying the Application Version

Use the instructions below to verify the application name and version before performing a partial download. The current application version for the V^X510 – Omni 3730 / V^X510LE – Omni 3730LE is SEPA281N . The current application version for the Omni 3750 / 3740 / 3300 / 3350 is UEPA281N.

Note: The application name and version must be the most current before performing a partial download.

Retail/Restaurant

Note: Gray shading indicates prompts that display based on choices made during terminal configuration.

Display	Action
Sale Settlement Void	Press [6] .
Quick Setup Password:	If prompted, key the password and press [ENTER] . Note: This prompt, if enabled, cannot be bypassed.
Quick Setup Phone Terminal Communications	Press [↓] .
IP Hosts HELP	Press [F2] to select HELP on the Omni 3750 / 3740 / 3300 / 3350.
HELP	Press [F1] to select HELP on the V ^X 510 – Omni 3730 / V ^X 510LE – Omni 3730LE.
FOR ASSISTANCE WITH TERMINAL SOFTWARE: App ID: XXXXXXX Processor: PAYM Terminal ID: 001 Mrch ID: 999999999999	Press [CLEAR] to return to the idle prompt. Note: The current application version for UEPA281 and SEPA281 is N.

Partial Download – Dial Connection

Partial downloads are used to change a select few memory locations that are already programmed in the terminal. A few examples of information that could be changed through a partial download are the printer/header information or card services.

Note: Partial downloads should always take place through File Group 2 with the exception of the VX510LE – Omni 3730LE which will always download to File Group 1.

Note: Remember to check the OS version, Download name and the memory of the terminal before beginning the download procedures.

To perform a partial download:

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F2] to select Download.
SYS MODE FILE FILE GROUP _1	Press [1] for file group 1 and press [ENTER] . Or Press [2] for file group 2 press and [ENTER] .
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 2 FULL F3 PARTIAL F4	Press [F4] for a partial download.
SYS MODE DOWNLOAD G2 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 2 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Partial Download – Frame Connection

Partial downloads are used to change a select few memory locations that are already programmed in the terminal. A few examples of information that could be changed through a partial download are the printer/header information or card services.

Note: Although, downloads must take place over DHCP Frame or VSAT, the download being loaded into the Omni 3750 Ethernet may support Static IP Frame, Static Internet Transport via NetConnect, DHCP Internet Transport via NetConnect, DHCP Frame, DHCP VSAT or Static VSAT.

Note: Omni 3750 partial downloads should always take place through File Group 2.

Note: Remember to check the OS version, Download name and the memory of the terminal before beginning the download procedures.

To perform a partial download:

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F2] to select Download.
SYS MODE FILE FILE GROUP _1	Press [2] and [ENTER] .
SYSTEM MODE FILE GROUP _2 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 2 FULL F3 PARTIAL F4	Press [F4] for a partial download.
SYS MODE DOWNLOAD G2 MODEM F2 COM1 F3 TCPIP F4	Press [F4] for TCPIP.
SYS MODE DOWNLOAD G 2 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

OS Upgrade via Full Download – Dial Connection

A full download of the V^X510 – Omni 3730 / V^X510LE – Omni 3730LE / Omni 3300 / 3350 / 3740 / 3750 terminal OS upgrade utilizing a dial modem takes approximately 7 minutes to complete at a baud rate of 14.4. The following values are required to initiate the download:

- *ZA – Application Name (Example: 18AO-OS)
- *ZP – Download Phone Number (18666589186)
- *ZT – Terminal ID (6)
- *ZR – Download Baud Rate (16)
- *ZRESP – Download Modem Connection Response (Example: 18AO-OS)

Note: Asterisks will appear on the terminal display when keying in a password.

Note: This OS download may be performed in a bundle load with

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press [F3] to select Clear All Files.
SYS MODE FILE GROUP 1 PASSWORD -----	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG x F4	Press [F3] to select Clear All Files.

Display	Action
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH. Note: Once this step is complete, the terminal is ready to accept a full download.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for file group 1 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 1 FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT G 1 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 1 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G1 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 1 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: You will need to repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT G 1 KEY _____	Key [*] [Z] [P] and then press [ENTER] .

Display	Action
SYS MODE EDIT VALUE G 1 _____ _____	Key the download phone number provided by Paymentech. If PABX of 9 is required, then [9] , should be keyed prior to the phone number. Then press [ENTER] . NOTE: If upgrading the OS from version 14AO or lower on the 3750 or 3740 then a [T] must be place in front of the PABX.
SYS MODE EDIT *ZP [value] G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY G 1 _____ _____	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE G 1 _____ _____	Key the following Terminal ID (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS or key the Terminal ID provided by Paymentech Omni 3300 = 16AO-OS or key the Terminal ID provided by Paymentech Omni 3740 = 18AO-OS or key the Terminal ID provided by Paymentech Omni 3350 = 12BO-OS or key the Terminal ID provided by Paymentech V ^X 510 / Omni 3730 = 4A4-OS or key the Terminal ID provided by Paymentech V ^X 510LE / Omni 3730LE = 4A4-OS or key the Terminal ID provided by Paymentech
SYS MODE EDIT *ZT [value] G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY G 1 *ZP _____ _____ _____	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY G 1 _____ _____	Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE G 1 _____ _____	Key the following Application Name (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS Omni 3300 = 16AO-OS Omni 3740 = 18AO-OS Omni 3350 = 12BO-OS V ^X 510 / Omni 3730 = 4A4-OS V ^X 510LE / Omni 3730LE = 4A4-OS
SYS MODE EDIT *ZA [value] G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.

Display		Action
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [Z] [R] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the download baud rate as instructed by Paymentech. The default baud rate is [6] , which indicates 14,400. Then press [ENTER] . <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the modem connect response time as instructed by Paymentech. Typically this value will be [1] [6] , if downloading on a 14.4 modem. Then press [ENTER] . <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.

Display	Action
SYS MODE EDIT KEY *ZP_____	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and displays DOWNLOAD NEEDED NO *GO PARAMETER once complete. Warning! Do not press any key on the terminal while the application is loading.

OS Upgrade via Full Download – Frame Connection

A full download of the Omni 3750E or 3750 Dual Comm terminal OS upgrade utilizing a Frame connection takes approximately 2 - 4 minutes to complete. The following values are required to initiate the download:

- *ZA – Application Name (Example: 18AO-OS)
- *ZP – Download IP Address and Port Number (208.237.46.17:8013)
- *ZT – Terminal ID (Example: 18AO-OS)
- *ZR – Download Baud Rate (9)
- *ZRESP – Download Modem Connection Response (19)
- *ZSWESC – Software Termination of Connection Response (1)
- *MC – Modem Country Code (22)
- *SMDL – Poll Enable/Disable (1)
- *TIME – Time Format (50)

Note: Asterisks will appear on the terminal display when keying in a password.

Note: Downloads in a Frame environment must take place in DHCP mode. Static IP downloads are not supported at this time.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press [F3] to select Clear All Files.
SYS MODE FILE GROUP 1 PASSWORD -----	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.

Display	Action
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG x F4	Press [F3] to select Clear All Files.
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH. Note: Once this step is complete, the terminal is ready to accept a full download.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for file group 1 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 1 FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT G 1 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 1 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G1 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 1 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.

Display		Action
SYS MODE EDIT KEY _____	G 1	Key [*] [Z] [P] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1	Key the IP Address and Port Number provided by Paymentech and then press [ENTER]. Use the following format to key the IP Address and Port Number: 208.237.46.17:8013
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____	G 1	Key [*] [Z] [T] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1	Key the following Terminal ID (dependent upon hardware) and then press [ENTER]: Omni 3750 = 18AO-OS or key the Terminal ID provided by Paymentech
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1	Press [*] [Z] [A] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1	Key the following Application Name (dependent upon hardware) and then press [ENTER]: Omni 3750 = 18AO-OS
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2].
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1	Press [*] [Z] [R] and then press [ENTER].
SYS MODE EDIT VALUE _____ _____	G 1	Key the download baud rate as instructed by Paymentech and then press [ENTER]. The default baud rate is [9], which indicates Frame.

Display		Action
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key the modem-connect response time as instructed by Paymentech and then press [ENTER] . The modem connection response will be [1] [9] , which indicates Frame.
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [M] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key [2] [2] and press [ENTER] .
SYS MODE EDIT *MC [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1	Press [*] [S] [M] [D] [L] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1	Key [1] and press [ENTER] .
SYS MODE EDIT *SMDL [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.

Display	Action
SYS MODE EDIT KEY *ZP_____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [Z] [S] [W] [E] [S] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 1 Key [1] and press [ENTER] .
SYS MODE EDIT *SWESC [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [T] [I] [M] [E] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 1 Key [5] [0] and press [ENTER] .
SYS MODE EDIT *TIME [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 COM 2 F4	Press [F2] for Modem. Note: These options will appear if the OS version is older than 16A4.

Display	Action
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F4] for TCPIP. Note: These options will appear if the OS version is 16A4 or newer.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically loads the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is loading.

OS Upgrade via Partial Download – Dial Connection

It is recommended that an OS upgrade be performed via a full download. However, if no changes are required to the applications that currently reside in the terminal, a partial download can be utilized to upgrade the OS. A partial download of the V^X510 – Omni 3730 / V^X510LE – Omni 3730LE / Omni 3300 / 3350 / 3740 / 3750 terminal OS upgrade utilizing a dial modem takes approximately 6 minutes to complete at a baud rate of 14.4. The following values are required to initiate the download:

- *ZA – Application Name (Example: 18AO-OS)
- *ZP – Download Phone Number (18666589186)
- *ZT – Terminal ID (Example: 18AO-OS)
- *ZR – Download Baud Rate (6)
- *ZRESP – Download Modem Connection Response (16)

Note: Even though OS upgrade partial downloads take place through File Group 1, it will not affect the VMAC that currently resides in the terminal.

To perform an OS Upgrade via a partial download:

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select EDIT.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for File Group 1 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT FILE CONFIG.SYS_ _____	G 1 Press [ENTER] .
SYS MODE EDIT KEY _____ _____	G 1 If all five of the required parameters cannot be located by scrolling, key in the missing parameter, and then press [ENTER] . Note: Press [↓] to scroll through the available parameters.

Display	Action
SYS MODE EDIT VALUE _____	G 1 Key the value for the missing parameter, then press [ENTER] .
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the download phone number provided by Paymentech. If PABX of 9 is required, then [9] , should be keyed prior to the phone number. Press [ENTER] . NOTE: If upgrading the OS from version 14AO or lower on the 3750 or 3740 then a [T] must be place in front of the PABX.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the following Terminal ID (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS or key the Terminal ID provided by Paymentech Omni 3300 = 16AO-OS or key the Terminal ID provided by Paymentech Omni 3740 = 18AO-OS or key the Terminal ID provided by Paymentech Omni 3350 = 12BO-OS or key the Terminal ID provided by Paymentech V ^X 510 / Omni 3730 = 4A4-OS or key the Terminal ID provided by Paymentech V ^X 510LE / Omni 3730LE = 4A4-OS or key the Terminal ID provided by Paymentech
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the following Application Name (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS Omni 3300 = 16AO-OS Omni 3740 = 18AO-OS Omni 3350 = 12BO-OS V ^X 510 / Omni 3730 = 4A4-OS V ^X 510LE / Omni 3730LE = 4A4-OS

Display	Action
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the download baud rate as instructed by Paymentech. The default baud rate is [6] , which indicates 14,400. Then press [ENTER] . <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the modem connect response time as instructed by Paymentech. Typically this value will be [1] [6] , if downloading on a 14.4 modem. Then press [ENTER] . <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F2] to select Download.

Display	Action
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F4] for a partial download.
SYS MODE DOWNLOAD G1 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically loads the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is loading.

OS Upgrade via Partial Download – Frame Connection

It is recommended that an OS upgrade be performed via a full download. However, if no changes are required to the applications that currently reside in the terminal, a partial download can be utilized to upgrade the OS. A partial download of the Omni 3750E or 3750 Dual Comm terminal OS upgrade utilizing a Frame connection takes approximately 2 - 4 minutes to complete. The following values are required to initiate the download:

- *ZA – Application Name (Example: 18AO-OS)
- *ZP – Download IP Address and Port Number (208.237.46.17:8013)
- *ZT – Terminal ID (Example: 18AO-OS)
- *ZR – Download Baud Rate (9)
- *ZRESP – Download Modem Connection Response (19)
- *ZSWESC – Software Termination of Connection Response (1)
- *MC – Modem Country Code (22)
- *SMDL – Poll Enable/Disable (1)
- *TIME – Time Format (50)

Note: Even though OS upgrade partial downloads take place through File Group 1, it will not affect the VMAC that currently resides in the terminal.

To perform an OS Upgrade via a partial download:

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for file group 1 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT FILE CONFIG.SYS_ _____	G 1 Press [ENTER] .

Display	Action
SYS MODE EDIT KEY _____ _____	G 1 If all five of the required parameters cannot be located by scrolling, key in the missing parameter, and then press [ENTER] . Note: Press [↓] to scroll through the available parameters.
SYS MODE EDIT VALUE _____ _____	G 1 Key the value for the missing parameter, then press [ENTER] .
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the IP Address and Port Number provided by Paymentech and then press [ENTER] . Use the following format to key the IP Address and Port Number: 208.237.46.17:8013
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the following Terminal ID (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS or key the Terminal ID provided by Paymentech
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the following Application Name (dependent upon hardware) and then press [ENTER] : Omni 3750 = 18AO-OS
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3 Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____ _____	G 1 Press [*] [Z] [R] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1 Key the download baud rate as instructed by Paymentech. The default baud rate is [9] , which indicates Frame. Then press [ENTER] .

Display		Action
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3	Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1	Key the modem-connect response time as instructed by Paymentech. The modem connection response will be [1] [9] , which indicates Frame. Then press [ENTER] .
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *MC [value]	G 1 KEY F2 VALUE F3	Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1	Key [2] [2] and press [ENTER] .
SYS MODE EDIT *MC [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *SMDL [value]	G 1 KEY F2 VALUE F3	Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1	Key [1] and press [ENTER] .
SYS MODE EDIT *SMDL [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZSWESC [value]	G 1 KEY F2 VALUE F3	Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1	Key [1] and press [ENTER] .
SYS MODE EDIT *SWESC [value]	G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *TIME [value]	G 1 KEY F2 VALUE F3	Press [F3] to edit or press [ENTER] to proceed to the next parameter.
SYS MODE EDIT VALUE _____ _____	G 1	Key [5] [0] and press [ENTER] .

Display	Action
SYS MODE EDIT *TIME [value] G 1 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____ _____	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F2] to select Download.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP _1 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F4] for a partial download.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 COM 2 F4	Press [F2] for Modem. Note: These options will appear if the OS version is older than 16A4.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F4] for TCPIP. Note: These options will appear if the OS version is 16A4 or newer.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically loads the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is loading.

COMM. Server Download – Dial Connection

COMM. Server must be downloaded into all Omni 3750 Ethernet terminals and Dual Comm. terminals that utilize the Ethernet port for processing transactions. This application allows for the terminal to communicate via the Ethernet port. The following values are required to initiate the download:

- *ZA – Application Name (Example: COMSVR230J)
- *ZP – Download Phone Number (18666589186)
- *ZT – Terminal ID
- *ZR – Download Baud Rate (6)
- *ZRESP – Download Modem Connection Response (16)

Note: COMM. Server must always take place through File Group 14.

Note: Asterisks will appear on the terminal display when keying in a password.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [1][4] and then press [ENTER] .
SYSTEM MODE FILE GROUP 14 PASSWORD _____	Key the password for file group 14 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT FILE CONFIG.SYS_ _____	G 14 Press [ENTER] .
SYS MODE EDIT KEY _____	G 14 Key [*] [Z] [P] and then press [ENTER] .

Display		Action
SYS MODE EDIT VALUE _____ _____	G 14	Key the download phone number provided by Paymentech. If PABX of 9 is required, then [9] , should be keyed prior to the phone number.
SYS MODE EDIT *ZP [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____ _____	G 14	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key in the terminal ID provided by Paymentech and press [ENTER] .
SYS MODE EDIT *ZT [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 14	Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key the following Application Name and then press [ENTER] : COMSVR230J
SYS MODE EDIT *ZA [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 14 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 14	Press [*] [Z] [R] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.

Display	Action
SYS MODE EDIT G 14 VALUE _____ _____	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [6] , which indicates 14,400. <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT G 14 *ZR KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 14 *ZP KEY F2 [value] VALUE F3	Press [F2] .
SYS MODE EDIT G 14 KEY *ZP _____	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT G 14 KEY _____ _____	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT G 14 VALUE _____ _____	Key the modem connect response time as instructed by Paymentech and then press [ENTER] . Typically this value will be [1] [6] , if downloading on a 14.4 modem. <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT G 14 *ZRESP KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 14 KEY *ZP _____ _____	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.

Display	Action
SYS MODE FILE FILE GROUP _1	Press [1][4] and then press [ENTER] . Note: When downloading CommServer individually, it must be loaded into File Group 14.
SYSTEM MODE FILE GROUP 14 PASSWORD _____	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD G 14 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 14 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 14 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 14 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

COMM. Server Download – Frame Connection

COMM. Server must be downloaded into all Omni 3750 Ethernet terminals and Dual Comm. terminals that utilize the Ethernet port for processing transactions. This application allows for the terminal to communicate via the Ethernet port. The following values are required to initiate the download:

- *ZA – Application Name (Example: COMSVR230J)
- *ZP – Download IP Address and Port Number (208.237.46.17:8013)
- *ZT – Terminal ID
- *ZR – Download Baud Rate (9)
- *ZRESP – Download Modem Connection Response (19)
- *ZSWESC – Software Termination of Connection Response (1)
- *MC – Modem Country Code (22)
- *SMDL – Poll Enable/Disable (1)
- *TIME – Time Format (50)

Note: COMM. Server must always take place through File Group 14.

Note: Asterisks will appear on the terminal display when keying in a password.

Note: Downloads in a Frame environment must take place in DHCP mode. Static IP downloads are not supported at this time.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [1][4] and then press [ENTER] .
SYSTEM MODE FILE GROUP 14 PASSWORD _____	Key the password file group 14 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.

Display		Action
SYS MODE EDIT FILE CONFIG.SYS_ _____	G 14	Press [ENTER] .
SYS MODE EDIT KEY _____	G 14	Key [*] [Z] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key the IP Address and Port Number provided by Paymentech. Use the following format to key the IP Address and Port Number: 208.237.46.17:8013
SYS MODE EDIT *ZP [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____	G 14	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 14	Key in the terminal ID provided by Paymentech and press [ENTER] .
SYS MODE EDIT *ZT [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 14	Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 14	Key the following Application Name and then press [ENTER] : COMSVR230J
SYS MODE EDIT *ZA [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 14 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 14	Press [*] [Z] [R] and then press [ENTER] .

Display		Action
SYS MODE EDIT VALUE _____ _____	G 14	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [9] , which indicates Frame.
SYS MODE EDIT *ZR [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 14 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 14	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key the modem-connect response time as instructed by Paymentech and then press [ENTER] . The modem connection response will be [1] [9] , which indicates Frame.
SYS MODE EDIT *ZRESP [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 14	Press [*] [M] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key [2] [2] and press [ENTER] .
SYS MODE EDIT *MC [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 14	Press [*] [S] [M] [D] [L] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 14	Key [1] and press [ENTER] .

Display		Action
SYS MODE EDIT *SMDL [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 14	Press [*] [Z] [S] [W] [E] [S] [C] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 14	Key [1] and press [ENTER] .
SYS MODE EDIT *SWESC [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 14	Press [*] [T] [I] [M] [E] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 14	Key [5] [0] and press [ENTER] .
SYS MODE EDIT *TIME [value]	G 14 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 14	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4		Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1		Press [1][4] and then press [ENTER] . Note: When downloading CommServer individually, it must be loaded into File Group 14.
SYSTEM MODE FILE GROUP 14 PASSWORD _____		Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD FULL F3 PARTIAL F4	G 14	Press [F3] for a full download.

Display	Action
SYS MODE DOWNLOAD G 14 MODEM F2 COM1 F3 TCPIP F4	Press [F4] for TCPIP.
SYS MODE DOWNLOAD G 14 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 14 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Back-to-Back Download Procedure

An application can be downloaded from one Omni terminal to another by doing the following:

Note: Back-to-back downloads can only take place with two of the same types of hardware. For example, an Omni 3750 cannot back-to-back download to an Omni 3300.

1. Follow the download procedure starting on page [3-5](#).
2. Connect an RS232 network cable to the port labeled RS232 on each terminal.
3. Enter system mode on each terminal by pressing **[F2]** and **[F4]** simultaneously, and then entering the system password.
4. Press **[*]** on the terminal from where the download will be pulled.
5. Press **[#]** on the terminal to be downloaded.

Individual Full Download – VMAC

In some cases, it may be necessary to perform downloads on individual file groups. Follow the steps outlined below to perform a full download on a single file group.

Note: This procedure does not apply to the V^X510LE – Omni 3730LE.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press [F3] to select clear all files.
SYS MODE FILE GROUP 1 PASSWORD -----	Key Z66831 and press [ENTER] .
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG 0 F4	Press [F3] to select CLEAR ALL FILES.
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.

Display	Action
SYS MODE FILE FILE GROUP _1	Press [ENTER] to select File Group 1.
SYSTEM MODE FILE GROUP 1 PASSWORD _____	Key the password for file group 1 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 1 FILE CONFIG.SYS_	Press [ENTER] .
SYS MODE EDIT G 1 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 1 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G1 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 1 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 1 KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT G 1 KEY _____	Key [*] [Z] [P] and then press [ENTER] .
SYS MODE EDIT G 1 VALUE _____ _____	Key the download phone number provided by Paymentech and then press [ENTER] . If PABX of 9 is required, then [9] , should be keyed prior to the phone number.
SYS MODE EDIT G 1 *ZP KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 1 KEY _____	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT G 1 VALUE _____ _____	Key the following Terminal ID (dependent upon hardware) and then press [ENTER] : V ^X 510 - Omni 3730 = VMAC1425 or the Omni 3300 / 3350 / 3740 / 3750 = VMAC144

Display	Action
SYS MODE EDIT *ZT [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 1 Key the following Application Name (dependent upon hardware) and then press [ENTER] : V ^X 510 - Omni 3730 = VMAC1425 or key the Terminal ID provided by Paymentech Omni 3300 / 3350 / 3740 / 3750 = VMAC144 or key the Terminal ID provided by Paymentech
SYS MODE EDIT *ZA [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [F2] .
SYS MODE EDIT KEY *ZP _____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 1 Press [*] [Z] [R] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [6] , which indicates 14,400. <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT *ZR [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 1 KEY F2 VALUE F3 Press [F2] .

Display	Action
SYS MODE EDIT KEY *ZP_____	G 1 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 1 Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT VALUE _____ _____	G 1 Key the modem connect response time as instructed by Paymentech and then press [ENTER] . Typically this value will be [1] [6] , if downloading on a 14.4 modem. <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT *ZRESP [value]	G 1 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 1 To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1	Press [ENTER] .
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD G 1 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 1 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 1 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)

Display	Action
SYS MODE DOWNLOAD G 1 DOWNLOAD DONE DOWNLOADING NOW	<p>The terminal automatically unzips the application.</p> <p><i>The terminal will begin to unzip the application and the display may remain blank for up to three minutes. When complete, the terminal will say NO APPLICATIONS PRESENT. Proceed to download instructions for UEPA281.</i></p>

Clearing Individual File Groups / Full Download – UEPA281 or SEPA281

In some cases, it may be necessary to clear individual file groups. Follow the steps outlined below to clear a single file group and perform a full download.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press the number key corresponding to the file group into which you want to load the application. For example, if three applications reside on the terminal, and the Paymentech application is in Group 2, press [2] . CLEAR GROUP _1 changes to CLEAR GROUP _2 . Note: Clear Group 1 to download the V^X510LE – Omni 3730LE or Clear group 2 to download all other models.
SYS MODE RAM CLEAR GROUP _X F2 CLEAR ALL FILES F3	Press [F2] to clear the desired file group.
SYS MODE FILE GROUP 1 PASSWORD -----	Key Z66831 and press [ENTER] .
SYS MODE CONFIRM G 1 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG 0 F4	Press the number key corresponding to the file group into which you want to load the application. For example, if three applications reside on the terminal, and the Paymentech application is in Group 2, press [2] . CLEAR GROUP _1 changes to CLEAR GROUP _2 . Note: Clear Group 1 to download the V^X510LE – Omni 3730LE or Clear group 2 to download all other models.

Display	Action
SYS MODE FLASH CLEAR GROUP_X F2 CLEAR ALL FILES F3 DEFRAG 0 F4	Press [F2] to clear the desired file group.
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [2] and then press [ENTER] to select File Group 2. Note: Press [1] to download the VX510LE – Omni 3730.
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key the password for file group 2 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT G 2 FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT G 2 KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT G 2 *ZP KEY F2 T918666589186 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 2 VALUE T918666589186	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 2 KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 2 *TIME KEY F2 50 VALUE F3	Press [F3] to select VALUE.
SYS MODE EDIT G 2 VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT G 2 KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT G 2 KEY _____	Key [*] [Z] [P] and then press [ENTER] .

Display	Action
SYS MODE EDIT VALUE _____ _____	G 2 Key the download phone number provided by Paymentech and then press [ENTER] . If PABX of 9 is required, then [9] , should be keyed prior to the phone number.
SYS MODE EDIT *ZP [value]	G 2 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____ _____	G 2 Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 2 Key the terminal ID provided by Paymentech and press [ENTER] .
SYS MODE EDIT *ZT [value]	G 2 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____ _____ _____	G 2 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 2 Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	G 2 Key the following Application Name (dependent upon hardware) and then press [ENTER] : VX510 - Omni 3730 / VX510LE - Omni 3730LE = SEPA281 Omni 3300 / 3350 / 3740 / 3750 = UEPA281
SYS MODE EDIT *ZA [value]	G 2 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 2 KEY F2 VALUE F3 Press [F2] .
SYS MODE EDIT KEY *ZP _____ _____ _____	G 2 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____ _____	G 2 Press [*] [Z] [R] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.

Display	Action
SYS MODE EDIT G 2 VALUE _____ _____	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [6] , which indicates 14,400. <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud
SYS MODE EDIT G 2 *ZR KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 2 *ZP KEY F2 [value] VALUE F3	Press [F2] .
SYS MODE EDIT G 2 KEY *ZP _____	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT G 2 KEY _____ _____	Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT G 2 VALUE _____ _____	Key the modem connect response time as instructed by Paymentech and then press [ENTER] . Typically this value will be [1] [6] , if downloading on a 14.4 modem. <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT G 2 *ZRESP KEY F2 [value] VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT G 2 KEY *ZP _____ _____	To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.

Display	Action
SYS MODE FILE FILE GROUP _1	Key [2] and then press [ENTER] .
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key [Z] , [6] , [6] , [8] , [3] , [1] and press [ENTER] .
SYS MODE DOWNLOAD G 2 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 2 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.
SYS MODE DOWNLOAD G 2 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 2 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Clearing Individual File Groups / Full Download – VIVOTECH

In some cases, it may be necessary to clear individual file groups. Follow the steps outlined below to clear a single file group and perform a full download.

Note: This application is only supported in the 3750/3740 terminals. This application is downloaded to File Group 13.

Display	Action
MAIN MENU	Press [F2] and [F4] simultaneously.
SYSTEM MODE ENTRY PASSWORD	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE MENU 1 CONTRAST F2 CLOCK F3 RESTART F4	Press [↓] .
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F3] to select RAM Files.
SYS MODE RAM CLEAR GROUP _1 F2 CLEAR ALL FILES F3	Press the number key corresponding to the file group into which you want to load the application. For example, if three applications reside on the terminal, and the Paymentech application is in Group 2, press [2] . CLEAR GROUP _1 changes to CLEAR GROUP _2 . Press [13] to clear group 13. Note: The VIVOTECH application resides in File Group 13.
SYS MODE RAM CLEAR GROUP 13 F2 CLEAR ALL FILES F3	Press [F2] to clear the desired file group.
SYS MODE FILE GROUP 1 PASSWORD -----	Key Z66831 and press [ENTER] .
SYS MODE CONFIRM G 13 CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing RAM.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [F4] to select FLASH Files.
SYS MODE FLASH CLEAR GROUP _1 F2 CLEAR ALL FILES F3 DEFRAG 0 F4	Press the number key corresponding to the file group into which you want to load the application. For example, if three applications reside on the terminal, and the Paymentech application is in Group 2, press [2] . CLEAR GROUP _1 changes to CLEAR GROUP _2 . Press [13] to clear group 13. Note: The VIVOTECH application resides in File Group 13.
SYS MODE FLASH CLEAR GROUP 13 F2 CLEAR ALL FILES F3 DEFRAG 0 F4	Press [F2] to clear the desired file group.

Display	Action
SYS MODE CONFIRM CANCEL F3 CONFIRM F4	Press [F4] to confirm clearing FLASH.
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Press [↓] .
SYS MODE MENU 3 CONFIG/SYSTEM INFO F2 EDIT F3 PASSWORDS F4	Press [F3] to select Edit.
SYS MODE FILE FILE GROUP _1	Press [13] and then press [ENTER] to select File Group 13.
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key the password for file group 13 (Default: Z66831) and press [ENTER] . Note: The terminal will not always ask for a password at this point.
SYS MODE EDIT FILE CONFIG.SYS_ _____	Press [ENTER] .
SYS MODE EDIT KEY *ZP_____	Press [ENTER] . NOTE: The KEY may vary, but the process is the same.
SYS MODE EDIT *ZP T918666589186	Press [F3] to select VALUE.
SYS MODE EDIT VALUE T918666589186 _____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT KEY *TIME_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT *TIME 50	Press [F3] to select VALUE.
SYS MODE EDIT VALUE 50_____	Press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter.
SYS MODE EDIT KEY *GO_____	Again, press [←] BACKSPACE until all characters have been erased and then press [ENTER] to advance to the next parameter. NOTE: Repeat this process until all KEYS have been deleted and all VALUES have been erased.
SYS MODE EDIT KEY _____	Key [*] [Z] [P] and then press [ENTER] .
SYS MODE EDIT VALUE _____ _____	Key the download phone number provided by Paymentech and then press [ENTER] . If PABX of 9 is required, then [9] , should be keyed prior to the phone number.

Display	Action	
SYS MODE EDIT *ZP [value]	G 13 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY _____	G 13	Key [*] [Z] [T] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 13	Key the following Terminal ID and then press [ENTER] : VIVOTECH or the Terminal ID provided by Paymentech
SYS MODE EDIT *ZT [value]	G 13 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP _____	G 13	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 13	Press [*] [Z] [A] and then press [ENTER] .
SYS MODE EDIT VALUE _____	G 13	Key the following Application Name and then press [ENTER] : VIVOTECH
SYS MODE EDIT *ZA [value]	G 13 KEY F2 VALUE F3	Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 13 KEY F2 VALUE F3	Press [F2] .
SYS MODE EDIT KEY *ZP _____	G 13	Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 13	Press [*] [Z] [R] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT VALUE _____	G 13	Key the download baud rate as instructed by Paymentech and then press [ENTER] . The default baud rate is [6] , which indicates 14,400. <i>If the terminal has a picture of a telephone above the line port, the download baud rate should be 2400, this value should be 3. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZR should be 6.</i> 1 = 300 baud 2 = 1200 baud 3 = 2400 baud 4 = 4800 baud 5 = 9600 baud 6 = 14400 baud

Display	Action
SYS MODE EDIT *ZR [value]	G 13 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT *ZP [value]	G 13 KEY F2 VALUE F3 Press [F2] .
SYS MODE EDIT KEY *ZP_____	G 13 Press [BACKSPACE] until the KEY is cleared.
SYS MODE EDIT KEY _____	G 13 Press [*] [Z] [R] [E] [S] [P] and then press [ENTER] . Note: If using Omni 3750/40 this parameter is not required. Skip to next parameter.
SYS MODE EDIT VALUE _____ _____	G 13 Key the modem connect response time as instructed by Paymentech and then press [ENTER] . Typically this value will be [1] [6] , if downloading on a 14.4 modem. <i>If the terminal has a picture of a telephone above the line port then the download baud rate should be 2400, this value should be 10. If HS is printed above the line port, the terminal is capable of downloading at 14.4 and the value for *ZRESP should be 16.</i> 0 = 300 5 = 1200 10 = 2400 11 = 4800 12 = 9600 16 = 14400
SYS MODE EDIT *ZRESP [value]	G 13 KEY F2 VALUE F3 Press [ENTER] to proceed to the next parameter.
SYS MODE EDIT KEY *ZP_____	G 13 To proceed with downloads, press [CLEAR] , then press [↑] until SYS MODE MENU 2 is displayed. <i>To cancel and return to the main menu, press [↓] until SYS MODE MENU 1 is displayed, then press F4 to Restart.</i>
SYS MODE MENU 2 DOWNLOAD F2 RAM FILES F3 FLASH FILES F4	Proceed to a full download by pressing the [F2] button.
SYS MODE FILE FILE GROUP _1	Key [13] and then press [ENTER] . Note: The VIVOTECH application must be downloaded into File Group 13.
SYSTEM MODE FILE GROUP 2 PASSWORD _____	Key [Z], [6], [6], [8], [3], [1] and press [ENTER] .
SYS MODE DOWNLOAD G 13 FULL F3 PARTIAL F4	Press [F3] for a full download.
SYS MODE DOWNLOAD G 13 MODEM F2 COM1 F3 TCPIP F4	Press [F2] for Modem.

Display	Action
SYS MODE DOWNLOAD G 13 ----- DOWNLOADING NOW	When the connection is established and the terminal begins downloading, ten dashes (-) display, indicating the download status. As the download proceeds, the dashes turn to asterisks to indicate the download's progress. (Example: *****---- indicates that the download is 60% complete.)
SYS MODE DOWNLOAD G 13 DOWNLOAD DONE DOWNLOADING NOW	The terminal automatically unzips the application and returns to the main menu once complete. Warning! Do not press any key on the terminal while the application is unzipping.

Download Anomalies

#	Anomalies
1	Omni 3300 - When using OS versions of 11AO and lower, you must recycle the power to the terminal and press F2 and F4. If this is not done, the OS will state "Application OS versions 12AO and higher do not require this."
2	OS versions 14AO and lower of the Omni 3750 and 3740 requires that a "T" be placed in front of the download phone number. OS versions 15A1 and higher do not require the "T".