

Configuring your firewall or proxy server to allow PaymentMate[®] to activate and receive authorizations

PaymentMate[®] Virtual Terminal Edition™, PaymentMate[®] Enterprise Edition™, and PaymentMate[®] Pharmacy Edition™ require unblocked connections to the Internet. This is necessary to activate the software, and receive authorizations for checks or payment cards. You must configure software firewalls, hardware firewalls, routers, or proxy servers to open the outbound ports required by the software.

Configuring your hardware firewall or router

If you are using a software firewall that blocks outbound ports, or if you are using a hardware firewall or router with a built-in firewall, configure the device to open the following outbound TCP ports, protocols, URLs and subnet masks. Your network administrator should be able to assist you with configuring your hardware firewall or router. For help configuring your software firewall, see the documentation for the firewall software.

- **Vxn.datawire.net**, TCP, port 443
- **Vxn1.datawire.net**, TCP, port 443
- **Vxn2.datawire.net**, TCP, port 443
- **Vxn3.datawire.net**, TCP, port 443
- **IDS.SpectrumRetailNet.com**, TCP, port 999
- **Payment1.SpectrumRetailNet.com**, TCP, port 999
- **Payment2.SpectrumRetailNet.com**, TCP, port 999

Outbound ports to open

- **21** (FTP passive mode (PASV) required to receive software updates and upload images of checks).
- **443** (required to activate the software and receive authorizations for credit, debit, gift, and other payment cards).
- **999** (required to receive authorizations for checks).
- **5500 - 5550** (required to receive remote assistance from a PaymentMate support technician)

Outbound IP addresses, and subnet masks, to allow

- **64.179.43.62**, 255.255.255.224
- **216.153.239.96**, 255.255.255.224
- **208.10.128.64**, 255.255.255.240
- **208.80.28.0**, 255.255.255.224
- **208.80.29.32**, 255.255.255.224

Outbound URLs, protocols, and ports to allow

- **FTP.SpectrumRetailNet.Com**, FTP Passive Mode (PASV), port 21
- **Secure.SpectrumRetailNet.com**, TCP, port 443

Configuring PaymentMate to use a proxy server

If your computer connects to the Internet through a proxy server, you will need to obtain information from your

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network administrator to help you or the support technician configure PaymentMate. To configure the software to use a proxy server:

- 1 Click the Windows® **Start** button, point to **All Programs**, point to **PaymentMate**, and click **PaymentMate Virtual Terminal**.
- 2 Or, if the software is open, but not visible, unhide it this way:

- If the **PaymentMate** icon is not visible in the Windows® **Notification Area** (next to the data and time) then click the **Show Hidden Icons** button to unhide the icon.



- To unhide the PaymentMate software, double-click the **PaymentMate** icon in the **Notification Area**.
- Or, right-click the icon and select **Manager Functions** on the shortcut menu.



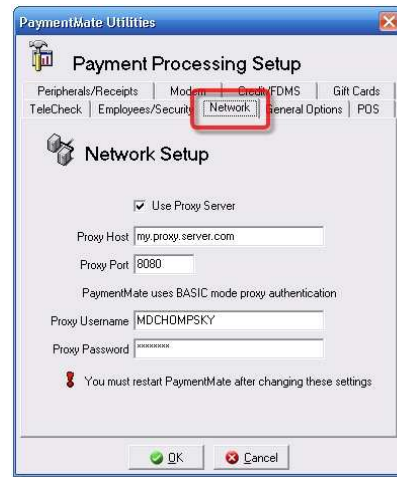
- 3 **Open the Payment Processing Setup tool:** To begin configuring PaymentMate, click **Configure**.



- 4 Select the **Network** tab.

- 5 Type the host name your network administrator gives you in the **Primary Host** box.

- 6 Type the proxy port your network administrator gives you in the **Proxy Port** box.
- 7 Type your user name in the **Proxy Username** box.
- 8 Type your password in the **Proxy Password** box.



- 9 Click **OK**, and restart PaymentMate before processing any checks or cards.

For more information about configuring and using PaymentMate, call Tempus Technologies, Inc. toll free at 800.225.8979, ext. 4. This document and other documents are available at TempusPayment.com.

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www.tempuspayment.com/support_documentation.aspx

pm_firewall.pdf (rev. 8/21/09)