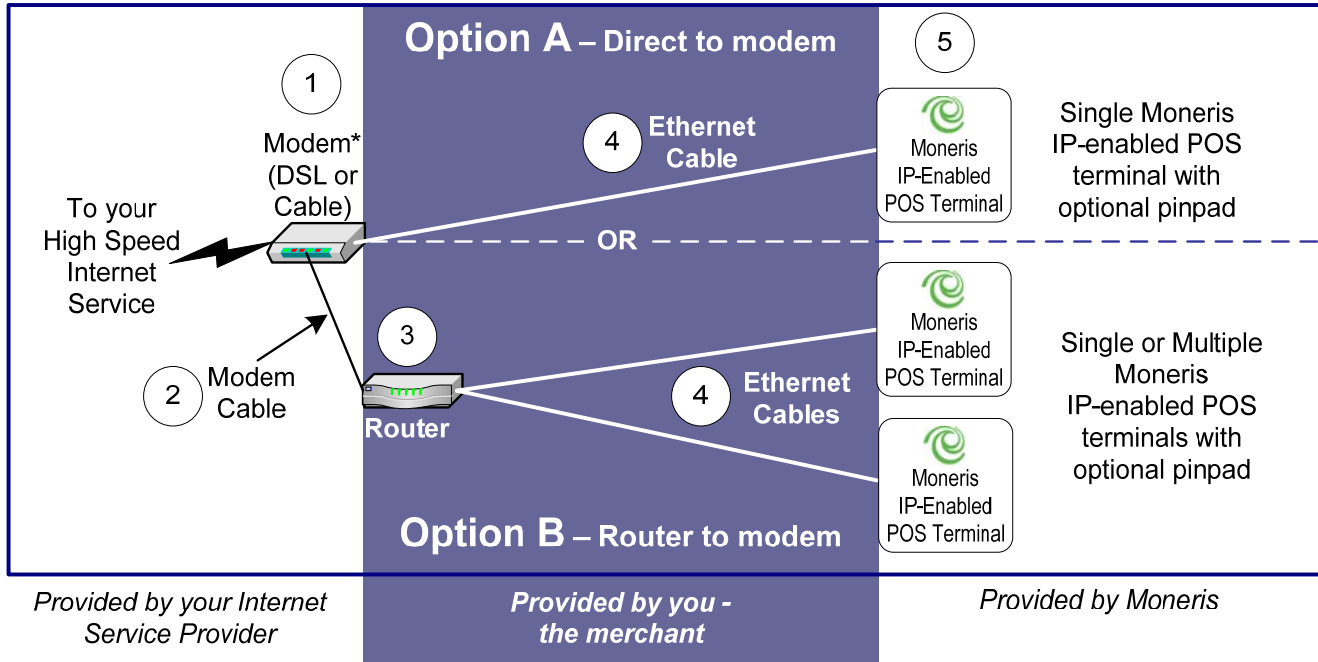




IP READINESS CHECKLIST FOR MONERIS IP-ENABLED POS TERMINALS

Please complete the questions on pages 2 and 3 of this checklist prior to scheduling your installation appointment with Moneris Solutions.



* Note: Some high speed Internet service providers supply a modem ① combined with a router. The separate router ③ and modem cable ② may still be required if two or more pieces of equipment (e.g., a PC and a Moneris POS terminal) use the Internet service.

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Please complete the following questions prior to scheduling your installation appointment with Moneris Solutions.

Note: The following questions correspond to the diagram on the first page of this document.

WARNING: Due to data security issues, terminals using dial communications must use a true analog phone line connecting to a public switched telephone network. Analog telephone adaptors (ATAs) and digital phone service over IP communications must NOT be used as an alternative to dial communications.

Question	Answer	Helpful Tips
1. Do you have high speed Internet service installed in your location?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If NO, contact your local phone, cable or other high speed Internet service provider (ISP) to order service.
2. Will the 10-foot (3.04-metre) long Ethernet cable provided with the Moneris Point-of-Sale (POS) terminal reach the modem ① (in Option A) or the router ③ (in Option B) from the location where the terminal will be used?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If you have more than one terminal (Option B), check the Ethernet cable ④ for each location where a terminal will be used. If NO, purchase a longer Ethernet cable from your local computer retailer.
3. Is the Internet accessible from the modem ① (in Option A) or router ③ (in Option B)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> You must test your Ethernet service before your terminal installation appointment can be scheduled with Moneris: <ul style="list-style-type: none"> Connect an Ethernet-enabled laptop or PC to the modem ① or the router ③ and confirm that the Internet is accessible (e.g., visit a Website or send an e-mail). OR If you don't have a laptop or PC, contact your ISP to confirm that the Ethernet service has been activated.
4. Will the power cable provided with the Moneris POS terminal [6200/8200/3100IP: 14' (4.26m); Vx810 Duet: 12.5' (3.81m)] reach an active power outlet from the location where the terminal will be used?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If you have more than one terminal (Option B), check the power cable for each location where a terminal will be used. If NO: <ul style="list-style-type: none"> Use a power bar. OR Contact an electrician to install a new power outlet.
5. Does the modem ① (in Option A) or the router ③ (in Option B) support 10BaseT, half-duplex communication?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If YES, ensure the modem or router is configured to support 10BaseT, half-duplex. Consult your network administrator or local computer retailer for help. If NO, consult your network administrator or local computer retailer for help in sourcing a modem or router that does.

Note: To maintain uninterrupted processing during Internet service interruptions, use the dial backup feature. The Moneris POS terminal will continue to process transactions using the dial service until Internet service is restored.

6. Do you have a dial wall jack installed to allow processing over dial backup?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If YES, check that the dial cable provided with the Moneris POS terminal [6200/8200/3100IP: 7' (2.1m); Vx810 Duet: 7.3' (2.22m)] reaches the dial wall jack from the location where the terminal will be used. If NO, but you wish to have dial backup available for your Moneris POS terminals, contact your phone service provider to request the installation of additional dial wall jacks.
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If you answered YES to questions 1 through 4 (and 5) and:

- your IP setup includes a separate router ③ (Option B), please continue on the next page.
- your IP setup does not include a separate router ③, **CONGRATULATIONS**. You are ready to install your Moneris IP-enabled POS terminal.

If your IP setup includes a router ③ (e.g. the Internet service is shared with other equipment such as a PC or other Moneris POS terminals), you may need to follow these additional steps:

Question	Answer	Helpful Tips
7. Is the modem cable ② between your modem ① and router ③ connected?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> Your Internet service provider provides the cable along with the modem.
8. Is the router ③ configured?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If NO, you will need to have the router configured for your Internet service. For help configuring your router, ask your local computer retailer or look under Computer Networking in the Yellow Pages for a provider.
a. Are security or firewall features enabled on the router?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If YES, go to question b. If NO, go to question 8.
b. Does the firewall allow traffic to pass through the router without restrictions?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If NO, the following may need to be added to the firewall configuration to allow messages from the Moneris IP-enabled terminal to pass through: <ul style="list-style-type: none"> Host Name = ipgate.moneris.com Backup Host Name = ipgate.moneris.com TCP Port for SSL = 443 (must be open) <i>Note: All traffic is initiated by the Moneris POS terminal so you will not be required to open this port from the outside.</i>
9. Is there an unused port on the router ③ for each Moneris POS terminal that you are going to install?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> If NO, consult your network administrator or local computer retailer for help. If you require more ports, additional routers or "hubs/switches" can be installed – consult your network administrator or local computer retailer for help.
10. What is the IP addressing scheme on the in-store IP network?	<input type="checkbox"/> Dynamic <input type="checkbox"/> Static	<ul style="list-style-type: none"> Your network administrator or the person who configured your router will be able to tell you this. Dynamic addressing is the default for most routers. This is the preferred addressing method. If Static IP addressing is used, please ensure that each Ethernet wall jack ⑤ is properly labelled with a unique static IP address.

• If you answered *DYNAMIC* to question 9 and *Yes* to all the other questions then **CONGRATULATIONS!** You are ready to install your Moneris IP-enabled POS terminals.

• If you answered *STATIC* to question 9 and *Yes* to all the other questions, please complete the following:

Question	Answer	Helpful Tips
11. What are the IP addresses for each of the terminals that you are going to install?	_____ _____ List additional IP addresses on a separate sheet.	<ul style="list-style-type: none"> Your network administrator or the person who configured your router will be able to tell you this. One address is required for each terminal. The addresses should not already be in use by other devices on your network.
12. What is the Mask ID or Subnet Mask?	_____	<ul style="list-style-type: none"> Your network administrator or the person who configured your router will be able to tell you this.
13. What is the Gateway address?	_____	<ul style="list-style-type: none"> Your network administrator or the person who configured your router will be able to tell you this.
14. What is the DNS address(es) for your Internet service provider?	Primary (1) : _____ Secondary (2) : _____	<ul style="list-style-type: none"> Your network administrator or the person who configured your router will be able to tell you this. (This can be obtained from your Internet service provider.)

• **CONGRATULATIONS!** You have now completed all the information that is required and you are ready to install your Moneris IP-enabled POS terminals.