

MISSOULA INTERNATIONAL AIRPORT

Wireless Internet Information



Wireless Connection Instructions for Windows 2000 and Windows XP

- Click **Start**
- Click **Settings**
- Click **Network Connections**
- Right click on the **Wireless Network Connection** icon (which will have a **red X** on it).
- Select **View Available Wireless Networks**.
- On the *Connect to Wireless Network* screen, select the **Advanced** button in the lower left corner.
- On the *Wireless Network Connection Properties* screen, click the **Wireless Networks** tab.
- In the Available Networks box, you should see *msoairport*, Highlight *msoairport* (if not already highlighted) then click **Configure**.
- In the *Network Name (SSID)* field, type *msoairport*.
- Click OK on each screen until you are back to the *Network Connections* screen.
- The *Wireless Network Connection* icon should no longer have a **red X** on it.
- Close the *Network Connections* window and launch your browser or email program.

Wireless Connection Instructions for Windows 95, 98, and ME

- Double click the **My Computer** icon
- Open the **Control Panel**
- Double click the **Network** icon
- You will see a list of installed network components. Highlight your wireless network adapter.
- Click **Properties**
- Click the **Advanced** tab
- In the list of options on left, select **ESSID**
- In the value field in the upper right, type **msoairport**.
- Click **OK** until you are back to the Network Properties window.
- Close the Network Properties window and the Control Panel.
- Restart your PC to apply the changes.
- Launch your browser or email program.

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Troubleshooting Tips

If you find that your Dial-Up Connection window pops up when you launch Internet Explorer, Internet Explorer needs to be configured to use a LAN connection. To do so:

- Open **Internet Explorer**.
- Click **Tools**.
- Select **Internet Options**.
- Click the **Connections** tab.
- If "*Always dial my default connection*" is selected, move the connection bullet to "**Dial Whenever a Network Connection is not Present.**"

If your PC has been configured to use a static IP address you may need to change the configuration to use a dynamic IP address. To do so:

- Right click on **My Network Places** or **Network Neighborhood**.
- Right click on the icon for your **Wireless Network Connection**.
- Select **Properties**.
- Highlight the **Internet Protocol (TCP/IP)**.
- Click the **Properties** button.
- Select "**Obtain an IP address automatically.**"

If you find that you see an established wireless LAN connection but are unable to access the internet, you may have a static or fixed Remote Gateway configured. To set your PC to use a dynamically assigned or default gateway on remote network (usually only a consideration in Windows 95, 98 and ME):

- Right click on **My Network Places** or **Network Neighborhood**.
- Right click on the icon for your **Wireless Network Connection**.
- Select **Properties**.
- Highlight the **Internet Protocol (TCP/IP)**.
- Click the **Properties** button.
- Click the **Gateway** tab.
- In the New Gateway field, type **192.168.0.1**

Alternately, you may, after ensuring that you have recorded any existing installed Gateway address entries that may be needed again, remove any existing installed Gateway addresses.

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Frequently Asked Questions

Q: What is Wi-Fi?

Wi-Fi, or Wireless Fidelity, is a term that is used generically to refer to any product or service using any type of 802.11 technology. Wi-Fi networks operate in the unlicensed 2.4 and 5 GHz radio bands, with an 11 Mbps (802.11b) or 54 Mbps (802.11a) data rate, respectively.

Wi-Fi enabled devices (laptops or PDAs) can send and receive data wirelessly from any location equipped with Wi-Fi access. How? Access points, installed within a Wi-Fi location, transmit an RF signal to Wi-Fi enabled devices that are within range of the access point. The speed of the transmission is governed by the speed of the pipeline fed into the access point.

Q: What is a Hotzone?

A hotzone or hotspot is an area with a high-speed internet connection and wireless connectivity. A hotzone is another name for broadband wireless internet access and can be either public or private. After you find an area with wireless access, you'll need a wireless enabled computer with a functional wireless adapter, which may be inserted into a slot on the side of the computer, or built in internally. Configuration depends on the device provider.

Q: How much does Wi-Fi cost at Missoula International Airport?

Wireless internet access at Missoula International Airport is free. (subject to change)

Q: I have a laptop computer. Will I be able to use the system?

Not necessarily. While most new laptops are Wi-Fi enabled, yours may not be. If this is the case you may need to purchase and install an 802.11b PCMCIA card which can be purchased in most electronics and computer stores, or online for around \$60.

Q: Do I have to be in any certain area of the airport to access Wireless Internet?

The wireless internet signal can generally be accessed throughout the terminal, including the main lobby and the Airport Restaurant and Lounge, however the signal is generally strongest near the upper level departure gates.

Q: Is the system secure to use? Can anyone tap into my wireless transmissions?

As with any wireless transmission, the actual signal is not secure. It is up to the end user; therefore, to take the security options that they feel are appropriate, e.g. using a VPN tunnel.

Q: How do I install the software drivers for my wireless network card?

Software drivers differ depending on the specific wireless network card you purchase. Refer to the documentation that came with your wireless network card for specific instructions.

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Frequently Asked Questions - Continued

Q: How do I know if my wireless network card is supported?

The airport network is a Wi-Fi 802.11b network; therefore, any Wi-Fi certified wireless network card will work. Look for the Wi-Fi certification on the wireless network card before purchasing it.

Q: Can I access my personal email account through this network?

You can access any web-based email account such as Yahoo.com or Hotmail.com. We strongly recommend that customers take measures to ensure the security of their wireless connections, such as virtual private networks (VPNs), encryption and firewalls. As with any wireless internet service, the Missoula Wi-Fi system is not inherently secure and you should ensure you have adequate security safeguards in place.

Q: What is the effective range of wireless equipment?

Range of wireless devices depends on many things. For a typical laptop with no external antenna connected to it, you may typically expect to see ranges varying from 50 to 150 feet. Although manufacturers often state 100 to 300 feet, this is assuming ideal conditions and is not practical for everyday usage. Typical indoor ranges are around 100 feet but can be shorter if building construction interferes with radio transmissions.

Disclaimers

Missoula International Airport can not responsible for any hardware or software issues that may arise with individual computing devices. Each individual device contains various types of hardware and software that may need further configuration changes. Please contact your hardware or software vendor for further assistance if you experience connection problems.

MSO does not filter, scan, monitor or block any traffic through this free public wireless internet system. Users assume all risk and responsibility for using this system.

MSO's free public WI-FI service is not intended to create a secure environment during public use. Because this is an open public network, we recommend patrons use personal antivirus, firewall and VPN (Virtual Private Network) software on their devices if security is a concern.

Missoula International Airport Wi-Fi Hotzone is provided by Centric Internet Services

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