

# UUHSC Wireless FAQ

## What are the wireless networks available at the Health Sciences Center and what will I need to connect to a wireless network at the HSC?

That depends on what your needs are. See the table below for an explanation of the different wireless networks and the services each provides at the Health Sciences Center.

### uuhsc

What do I need to connect?	You need a Health Sciences network account and a WPA/WPA2 compatible wireless device.
What resources are available to me using this network?	Direct access to HSC network resources & Internet Access.
Who should use this network?	All clinical and confidential wireless users must use this network. Academic and research users who need direct access to HSC network resources should also use this network.
Where is it?	All access points in the Health Sciences Center offer this network.

### uconnect.utah.edu

What do I need to connect?	You need a main campus (CIS/Kronos) or Health Sciences network account and a WPA/WPA2 compatible wireless device.
What resources are available to me using this network?	Direct access to University main campus network resources & Internet Access. There is no direct access to HSC network resources using this network unless an HSC VPN or remote portal is used.
Who should use this network?	Academic and research users who aren't working with confidential data and do not need direct access to HSC networks and resources. <b>Clinical, research, and academic users dealing with confidential data should not use this network.</b> <b>Anyone who needs direct access to HSC resources should not use this network.</b>
Where is it?	Most access points in the Health Sciences Center offer this network. This network is widely available on main campus.

### hotspot.utah.edu & uhcguest

What do I need to connect?	Most wireless devices will work. You don't need any credentials to connect.
What resources are available to me using this network?	Direct access to the Internet. There is no direct access to HSC or main campus networks. Only services that are publicly available through campus firewalls can be accessed unless a main campus or HSC VPN / remote portal is used.
Who should use this network?	These networks are open and unencrypted by design to provide a simple wireless solution for guests, visitors, and

	<p>patients at the HSC and University. Open and unencrypted also means that these networks aren't secure at all. <b>Use them at your own risk.</b></p> <p>Users with credentials at the HSC or University should connect to uuhsc or uconnect.utah.edu. This provides a much safer and consistent experience.</p> <p><b>Clinical, research and academic users dealing with confidential data should NEVER use these networks.</b></p>
Where is it?	<p>The uhcguest network is found in the University Hospital. The hotspot.utah.edu network is available in most common areas of the HSC and main campus.</p>

**I've always connected to uhosp1. Why isn't uhosp1 listed?**

The uhosp1 wireless network is being retired. After January 31<sup>st</sup>, 2007, uhosp1 will no longer be available for use in the HSC.

**Why are you taking down uhosp1?**

The uhosp1 network uses static WEP (Wired Equivalent Privacy) as its encryption method. WEP encryption has serious security flaws. Breaking into a WEP protected network is trivial. We can't guarantee the confidentiality or integrity of data exposed to a WEP encrypted network. To protect sensitive, confidential data and network resources at the HSC, it has been decided to retire uhosp1.

**I don't know if my device supports WPA/WPA2. How do I find out?**

Check with the manufacturer or your device or operating system. The WPA/WPA2 security standards have been out for about 2 years and most manufacturers have added support for WPA/WPA2 networks. The manufacturer should have information on how to upgrade your device or operating system to support WPA/WPA2.

**My device doesn't support WPA/WPA2 and the manufacturer can't/won't support it. What should I do?**

In some cases, devices may just be too old or simply incompatible.

- Consider replacement. A 6 year-old wireless card probably won't be upgradeable. New cards supporting WPA/WPA2 are reasonably priced and widely available.
- Does the device have an Ethernet port? Consider using a wireless-Ethernet bridge to connect this device to the wireless network. The Wireless team can give you information on a few WPA/WPA2 compatible bridge models.

**My device only supports something called WPA-PSK. Will that work?**

Unfortunately, no; you need to have support for the full WPA/WPA2 standards. Contact the vendor or manufacturer of the device or operating system and let them know they need to develop support for the full standard.

## What software will I need to connect to uuhsc or uconnect.utah.edu?

Some of the software we have successfully used to connect devices includes:

- Juniper Odyssey Access Client
- Intel PRO/Set
- Microsoft Zero-config with Secure-W2
- Microsoft Zero-config (PEAP mode, only works on uuhsc)
- Macintosh OS X Wireless Networking

## What is the configuration information that I need to know to connect to uuhsc?

These are the basic settings that are needed to connect. Each client needs this information to connect, they might not ask for it in the order listed below. Refer to the client software documentation or your support group for help configuring wireless client software.

### Option 1

Use these setting when connecting to uuhsc with a 3rd-party client like Odyssey

<b>SSID:</b>	uuhsc
<b>Username:</b>	unid@hsc.utah.edu
<b>Password:</b>	HSC Password
<b>Anonymous Identity:</b>	unid@hsc.utah.edu
<b>EAP-Type:</b>	EAP-TTLS
<b>Inner Authentication:</b>	PAP, MS-CHAPv2
<b>Encryption Types:</b>	WPA2/AES (New Cards) or WPA/TKIP (Old Cards)
<b>Server Name:</b>	*.med.utah.edu

### Option 2

Use these settings when connecting to uuhsc with Microsoft Zero-Config (the default wireless client for Windows)

<b>SSID:</b>	uuhsc
<b>Username:</b>	unid@hsc.utah.edu
<b>Password:</b>	HSC Password
<b>Anonymous Identity:</b>	N/A
<b>EAP-Type:</b>	PEAP
<b>Inner Authentication:</b>	MSCHAPv2
<b>Encryption Types:</b>	WPA2/AES (New Cards) or WPA/TKIP (Old Cards)

## Where can I find information on connecting to uconnect.utah.edu?

The Office of Information Technology on main campus has some great resources on connecting to uconnect.utah.edu and hotspot.utah.edu. Visit their web page for more information.

<http://www.it.utah.edu/services/connected/wireless/index.html>