Lincoln Land Community College

Wireless Access Configuration for Windows XP

Lincoln Land Community College (LLCC) provides free wireless Internet access as a convenience to students, employees and guests throughout the majority of our locations. The LLCC wireless network is currently undergoing an extensive upgrade to improve coverage and to increase security.

The upgraded LLCC wireless network is being deployed in stages and will initially be available only in a few areas. Maps indicating where the new wireless service can be found are located online at its.llcc.edu/wireless and at the ITS Helpdesk in Menard Hall. The following documentation will provide instruction for connecting to the new LLCC wireless network.

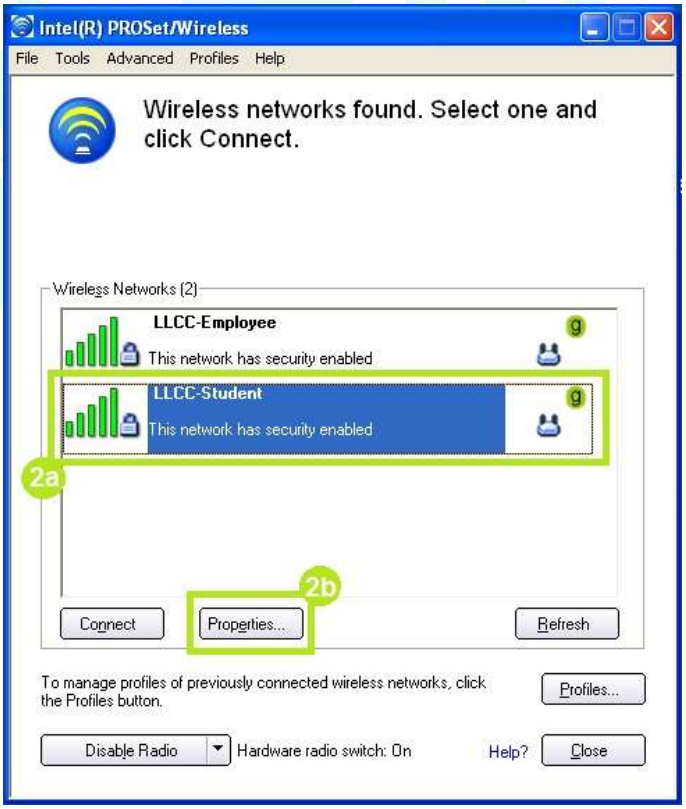
These instructions apply to devices that meet the following criteria:

- Windows XP Service Pack 2 or better
- A laptop with an up-to-date version of the Intel PROSet Wireless Utility
- Current antivirus application (e.g. Trend Micro OfficeScan, Microsoft Forefront, AVG, etc.)

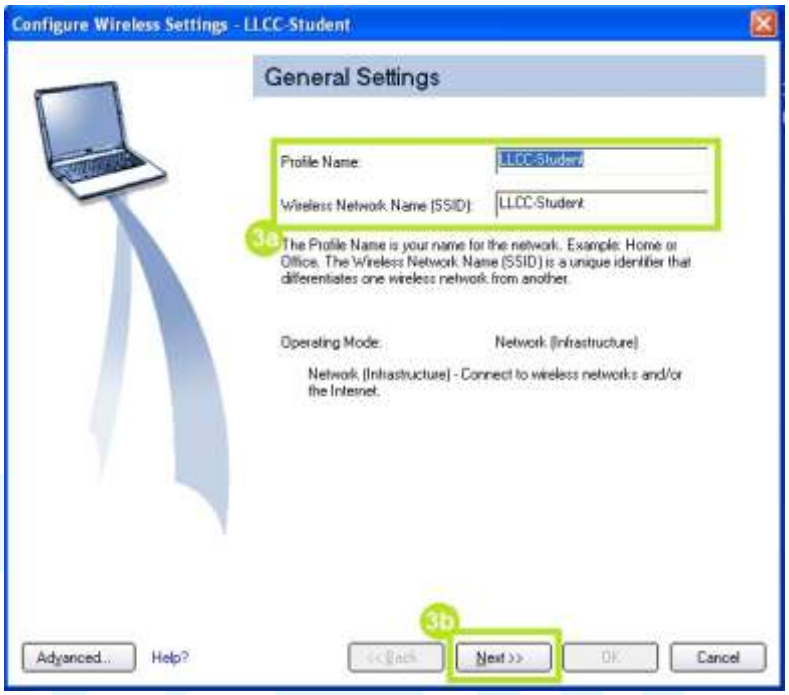
Because the digital security of our users is important to LLCC, we require that all wireless connections be encrypted. As a result, there are a few configuration settings that will need to be made. The instructions for this process are as follows:

1) Double click on the Intel PROSet wireless utility icon in the notification area to the lower left of the desktop.

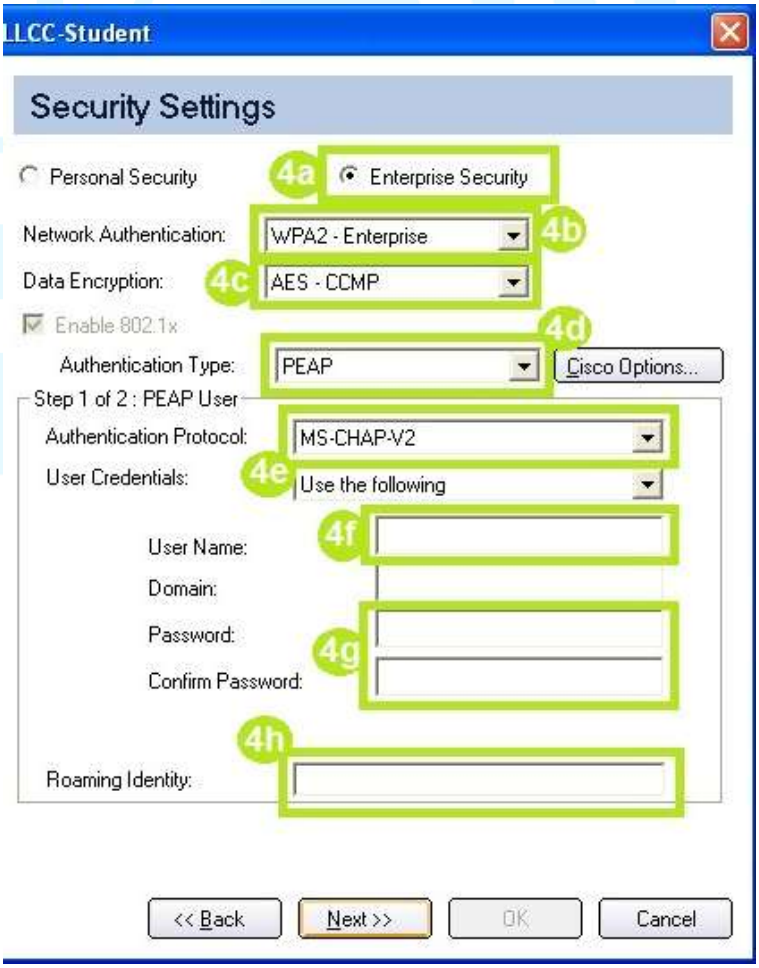
2) Choose the wireless network.
   a) Select the desired wireless network.
      i) LLCC-Student for students and guests.
      ii) LLCC-Employee for college faculty and staff.
   b) Click "Properties…" to continue.



3) Enter the name of the wireless network that you are joining. It is recommended to use this name for the profile name as well as the SSID.
   i) LLCC-Student for students and guests.
   ii) LLCC-Employee for college faculty and staff.



4) Security Settings
   a) Security: Enterprise Security
   b) Network Authentication: WPA2-Enterprise
   c) Data Encryption: AES-CCMP
   d) Authentication Type: PEAP
   e) Authentication Protocol: MS-CHAP-V2
   f) User Name: Your LLCC User Name
   g) Password: Your LLCC Password (twice)
   h) Roaming Identity: Your LLCC User Name



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5) Security Settings (cont.)
   a) Uncheck the box marked “Validate Server Certificate”
   b) Click the button marked “Next >>” to continue.

6) Once the wireless profile is completed, the Wireless network will show an orange check next to it.

7) After the connection is completed you will see a status box appear indicating that you are connected to the LLCC network.

Please contact the ITS Helpdesk for assistance with wireless network connectivity.

- Web: help.llcc.edu (Students/Employee only)
- Email: HD@llcc.edu
- Phone: (217) 786-2555
- Service window: Menard Hall, Room 1200