

Configuring your wireless to WPA2 (AES)

Encryption

Quick Installation

Windows Vista

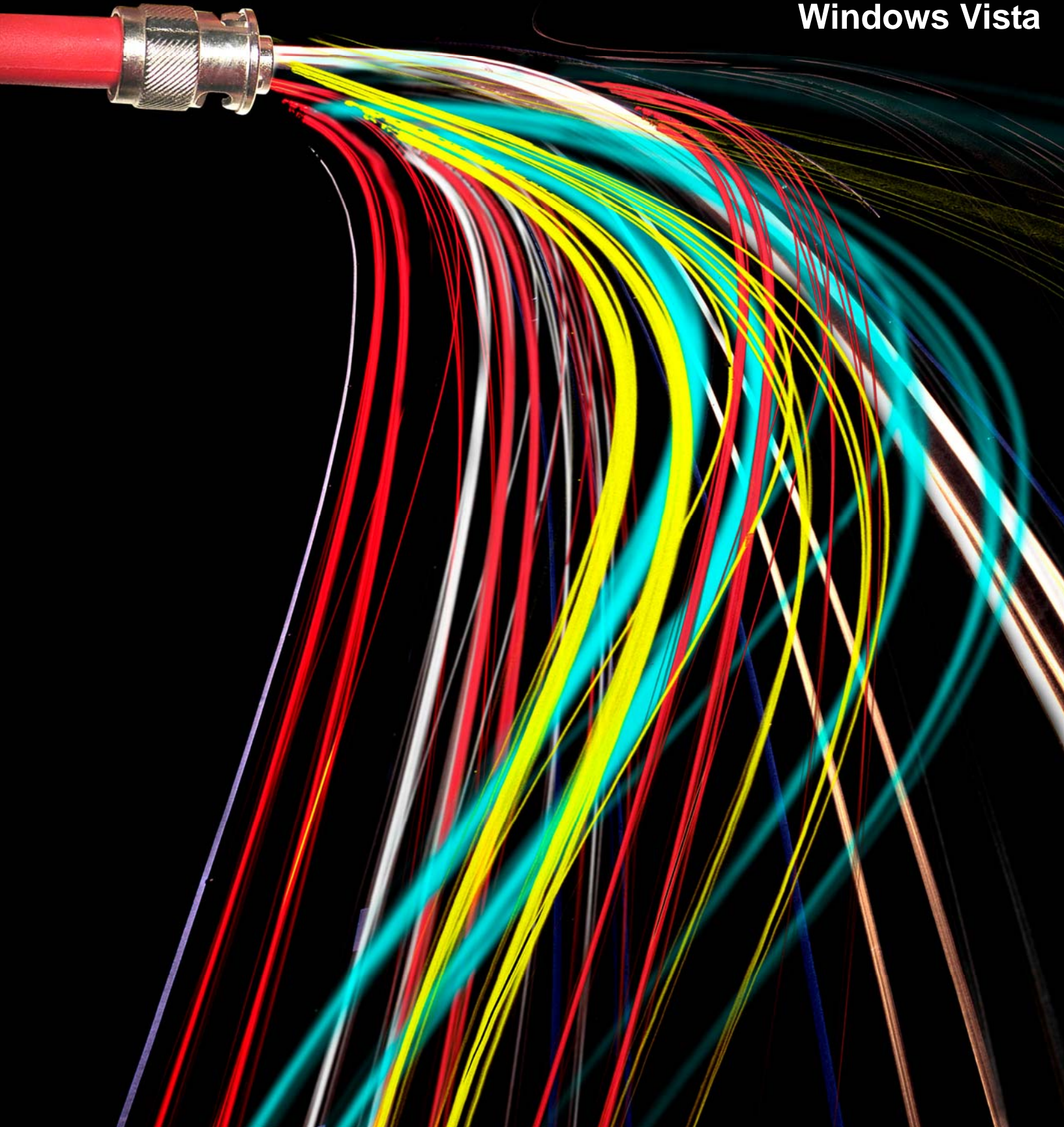


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1 About this guide

This document will show you step- by-step how to configure your Wireless system to the University of Louisville's wireless authentication system.

Chapter 1, "About this Guide."

Chapter 2, "Introduction" gives an overview of the purpose and scope of the University of Louisville's wireless authentication system

Chapter 3, "Configuring the Wireless Connection", gives step-by-step instructions for configuring your wireless connection for on-campus use

Chapter 4, "Frequently Asked Questions" provides answers to common questions about the configuring your software

1.1 Who Should Use It

This guide is intended for users connecting to the University of Louisville's on-campus wireless network using a laptop or PC running Windows Vista operating system.

1.2 Typographical Conventions

This document uses the following typographical conventions:

Command and option names appear in bold type in definitions and examples. The names of directories, files, machines, partitions, and volumes also appear in bold.

Variable information appears in italic type. This includes user-supplied information on command lines.

2 Introduction

2.1 Purpose

The purpose of this document is to provide step-by-step instructions for the configuration of UofL_Wireless 2.1:

- UofL_Wireless 2.1 is a wireless registration system available to faculty, staff, and students for on-campus connection. It is a secure network that encrypts traffic on the network to prevent intrusions and interception of traffic
- All users of the UofL_Wireless 2.1 connection must have their local machines set to WPA2/AES encryption in order to forge a connections to the wireless infrastructure on-campus
- The intended audience of UofL Wireless 2.1 are faculty, staff, students or UofL guests who use a wireless connection to link to the Internet

2.2 Scope

This document describes how to configure a Windows Vista machine to access to the University's secured wireless network. If you are not a UofL faculty, staff or student, please see the documentation for guest wireless access.

3 Configuring the Wireless Connection

1. To begin, open the Start menu and select "**Connect To.**" You will then see the window below, find the **ulsecure** wireless network in the list of nearby networks. Click on the listing for **ulsecure** to highlight it and click the **Connect** button as shown below and continue to step 2.
2. Windows Vista will recognize that the network requires a username and password for access, and you will be prompted with the "**Additional log on information**" dialog. Click "**Enter/select additional log on information**" and continue to step 3.
3. Enter your **ULINK** user name and password as seen below and click the **OK** button. Note: Leave the "**Logon domain**" section blank. Continue to step 4.

Explanation: One new feature in Windows Vista is its ability to allow for user acceptance of unrecognized server certificates. In Windows XP, each wireless network had to be pre-configured to accept the server certificate. Windows Vista will automatically prompt you to validate any certificate it has not seen before.

4. You will see this screen again as seen in step #2, click the "**Enter/select additional log on information**" and continue to step 5.
5. The next screen you see will be a validation of the certificate displayed as "**Thawte**", and simply click the **OK** button to continue. Continue to step 6.
6. The "**Connecting to ulsecure**" window will appear next, no action is necessary here. Continue to step 7.
7. The "**successfully connected to ulsecure**" window appears next leave the boxes checked to "**Save this network**" and click on the **Close** button.

You are now connected and you should be able to launch your internet browser and browse successfully.