



Tharo Systems, Inc.
2866 Nationwide Parkway • P.O. Box 798
Brunswick, OH 44212 USA
Tel: 330.273.4408 • Fax: 330.225.0099
www.tharo.com • tharo@tharo.com

EASYLABEL® Multi-User Installation Instructions

If you purchased the Multi-user license version of EASYLABEL 6, you should have received a DVD-ROM and a Multi-User WIBU-Key.

WARNING: In order to use the EASYLABEL 6 Multi-User, clients **MUST** be running the Microsoft TCP/IP protocol. **DO NOT** attempt to install this software if the clients are using the Novell NetWare TCP/IP protocol. All computers used with the EASYLABEL Multi-User version (the WIBU-Key Server and all client machines) must have the Microsoft TCP/IP protocol installed and configured correctly. Microsoft TCP/IP is the protocol used by the license management software to communicate between the client machines and the WIBU-Key Server.

The steps to install the EASYLABEL Multi-User software are as follows:

NOTE: Do **NOT** install a USB Multi-User WIBU-Key until the **AFTER** the WIBU drivers are installed. Installing a USB WIBU-Key before the WIBU drivers are installed will cause the WIBU-Key to be added to Device Manager as an 'unsupported device' and the WIBU drivers will not be able to find the key.

1. Select a computer that will be the WIBU-Key Server. This computer must be running Windows XP or higher. Ensure the Date is correctly set on the potential server computer. In order to serve licenses to other computers on the network, the computer selected as the WIBU-Key Server must be running and have the WIBU-Key 'Network Server' application loaded. In general, you should select a computer that remains powered on.
2. Install the WIBU-Key 'Network Server' application on the PC selected to be the WIBU-Key Server. Run the WkRuntime.exe program from the 'WibuKey' folder on the DVD-ROM.
3. Plug the Multi-User WIBU-Key into a parallel or USB port on the selected computer. The WIBU-Key contains a code that defines the number of users allowed to run the EASYLABEL Multi-User application.
4. Once the WIBU key server is installed it needs to be started whenever the PC is booted. A shortcut to the server is placed in the 'Start Up' program folder (Start/All Programs/Start Up), so you can reboot now, or you can start the server manually by selecting Start --> All Programs --> WIBU-KEY --> Network Server from the Start menu. Then right-click on the network server icon in the taskbar and choose "Start Server" from the context menu. The network server will then start automatically anytime the PC is booted.
5. The next step is to install the client version of the EASYLABEL Multi-User software on the selected client computers. This can be installed on as many computers as needed, the WIBU-Key Server will make sure that the number of copies running does not exceed the licensed user count. If there are no more licenses available, the user will be notified, and EASYLABEL will not



Tharo Systems, Inc.
2866 Nationwide Parkway • P.O. Box 798
Brunswick, OH 44212 USA
Tel: 330.273.4408 • Fax: 330.225.0099
www.tharo.com • tharo@tharo.com

start. For example, if you have a 5-user license, and EASYLABEL Multi-User is installed on 8 computers, only 5 of them can use the application at one time. If a user exits EASYLABEL Multi-User, then the license becomes available to another user.

Additional Notes:

- When a user starts the EASYLABEL Multi-User application, the WIBU-Key Server will "give" that copy a license to run. When the application exits, it "gives" the license back to the WIBU-Key Server. In the case where a client computer crashes, or the user powers off the computer without properly shutting down, the WIBU-Key Server recognizes this fact and will take back the license (after a timeout period, currently set to 5 minutes).
- If for some reason, the WIBU-Key Server crashes, or the Multi-User key stops working; the client computers will recognize this and issue a warning message. There is a built in protection period (currently set to 7 days) where the clients will continue to run without contact with the WIBU-Key Server. This requires that the client computers not be shut down or powered off during the 7-day period. The message issued to the users indicates that they should contact their system administrator to correct the problem. If the problem is corrected and the WIBU-Key Server is restarted, then clients will continue to run normally. If for some reason, the WIBU-Key Server cannot be restarted within 7 days, then EASYLABEL will issue a warning and then exit (saving any work in the process). Again, once the problem is corrected and the WIBU-Key Server is restarted, all clients will operate normally and no more warnings will be issued.
- The WIBU-Key 'Network Server' can be moved to another computer by simply stopping the application from running on the old computer and then installing it on the new computer.
 - a. Remove the shortcut to the WIBU-Key Network Server application from the 'Start Up' program folder (Start/All Programs/Start Up) on the 'old' computer if one is present.
 - b. Right click on the network server icon in the taskbar and choose "Stop Server".
 - c. To install the WIBU-Key Network Server application on the 'new' computer, simply follow the steps at the top of this document.
 - d. Remember to move the Multi-User Key to the 'new' computer.
- To uninstall the WIBU-Key drivers and the WIBU-Key 'Network Server' application, select Start -> Control Panel -> Programs -> Programs and Features". Select the "WIBU-KEY Setup (WIBU-KEY Remove)" and then click the "Uninstall/Change" button.
- If a Client is not able to find a license, select Start --> Control Panel --> Hardware. Double-click on the WIBU-Key Icon in Control Panel and then select the Network Tab.
 - a. Verify that the value for WkLAN Port Address matches the value at the WIBU-Key Server. If it does not, change the "User Specific" drop

- down to "Machine Specific" and enter the value the WIBU-Key Server has listed (the default is 22347). This port should be left open if there is a firewall present such as the one included in Windows XP SP2.
- b. If you are crossing sub-nets verify with your network administrator that UDP Packets can be passed on this port.
 - c. There are 3 check boxes listed under 'WIBU-KEY Subsystems'. The boxes marked "Local (Kernel)" and "WkLAN" should be checked.
- If a Client periodically has problems getting a license or if it takes several attempts to get a license it is probably due to network latency. In these cases you should add the WIBU-Key Server to the WkLAN Server Search list. To do this select Start --> Control Panel --> Hardware. Double-click on the WIBU-Key Icon in Control Panel and then select the Network Tab. Under the WkLAN Server Search List at the bottom, try to browse to your server. If this fails to find your server, you may have to enter the server's Machine Name or Static IP Address in the lower entry and then click ADD to add it to your WkLAN Server Search List.
 - When printing on the WIBU-Key license server PC to the same parallel port the WIBU-Key is on it may be possible for clients (or the server) to report that they have trouble getting a license. This is usually caused by a significant, ongoing data flow out of the port such as when printing using \$all or alphanumeric incrementation. It may be necessary in these cases to move the printer off the back of the WIBU-Key to another port. If this is not possible, a USB WIBU-Key should be used.