

We now have the option to use “keyless” licensing on computers that cannot connect to a license server. You no longer need to purchase a hardware key from ESRI to set up a computer to manage its own license. You are still welcome to use a hardware key if you need to – there is no requirement to switch to a keyless license file.

Switching to keyless licensing involves the following:

- Download the updated license manager from the server if you have server access – it is in the ArcGIS 9.3 folder
  - or download it from the ESRI site at:  
<http://support.esri.com/index.cfm?fa=downloads.patchesServicePacks.viewPatch&PID=43&MetalID=1394> (do not request a license file through ESRI)
- Find out the computer name and FlexIm/MAC/physical address of the computer and send that info to [softwarelicenses@science.oregonstate.edu](mailto:softwarelicenses@science.oregonstate.edu) (instructions for finding your FlexIm number below)
- Software Licenses will generate a new “keyless” license file and send it to you – save this file to your hard drive (do not open or change the file) so you can find it when installing the updated license manager
- Uninstall the existing ArcGIS License Manager and existing Sentinel System Driver/Sentinel Protection Installer from Add/Remove programs.
- Install the updated license manager and pull in the new keyless license file
  - If you are installing on Vista, make sure to right-click on the license manager .exe file and choose “run as administrator” to install the upgrade.
- Restart the computer
- Make sure that the Desktop Administrator points to the computer itself as the server
  - If you are on Vista, the computer name may be case-sensitive, so you may need to try different case variations of the computer name to get it to work in Vista.
- Open ArcGIS and make sure it runs!

#### How to find your FlexIm/MAC/physical address:

- Go to Start -> Programs -> Run -> and type cmd
- click OK to launch a command prompt and enter the following:  
C:\> ipconfig /all (or just ipconfig /all if you are already at the C:\> prompt)

The FLEXIm is the 12 character Physical Address value for the Ethernet adapter Local Area Connection.

**Note:** On **Vista**, if you do not see the Run command from the Start Menu, right click the Start menu -> click Properties -> select the Classic Start Menu radio button and hit OK. Open the Start menu again to get to the Run command. Make sure to supply your Ethernet address (not the wireless or anything else listed in the ipconfig file).