

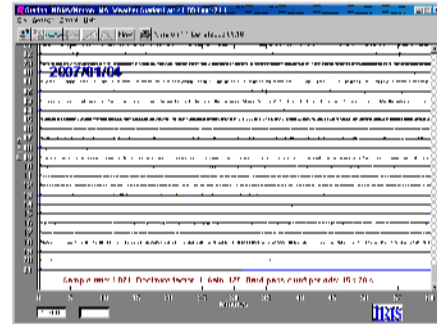
# Putting Your AS-1 Helicorder Record on the Web

Many schools send a new image of their AS-1 helicorder record every 10 minutes to a summary web site. Comparing ones own record to others' is a very good way to determine if a given signal is indeed an earthquake, as large events are always recorded by many stations. Variations in the background noise due to microseisms can also be monitored all across the country. The software SnagIt is used for this purpose.

Greenlodge Elementary School, Dedham, Massachusetts  
[Seismogram](#) updated January 04 2007 UTC



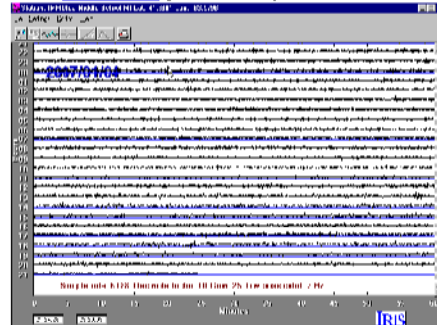
Norton, Massachusetts  
[Seismogram](#) updated January 04 2007 UTC



Mattawan High School, Michigan  
[Seismogram](#) updated January 04 2007 21:17:53 UTC



Ida Middle School, Ida, Michigan  
[Seismogram](#) updated January 04 2007 UTC



Four typical records from <http://jclahr.com/science/psn/as1/heli/allas1.php>

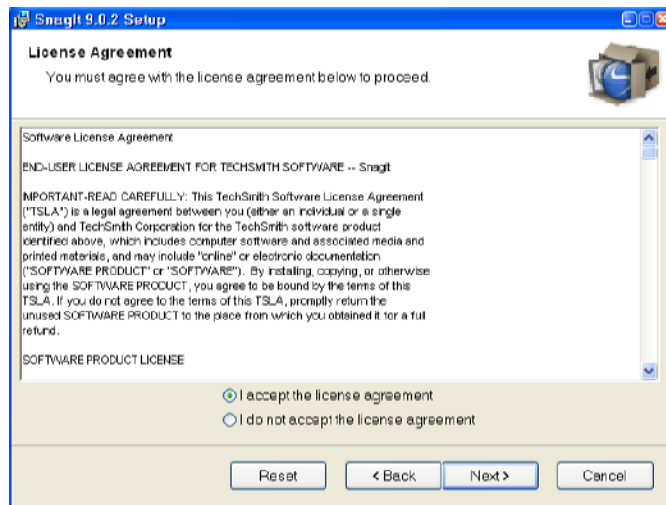
## SnagIt Installation (ver 9.0.2)

The first step is to install a program called SnagIt. Go to the SnagIt free trial site at:  
<http://www.techsmith.com/download/SnagIttrialthx.asp>

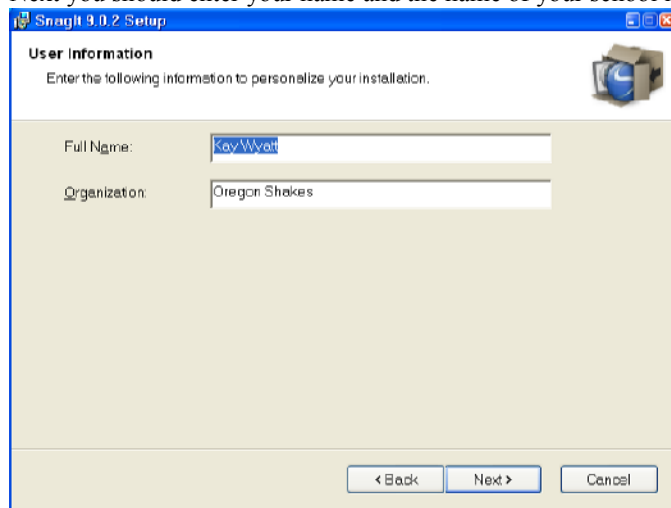
Click on “Download Now” to bring the file SnagIt.exe to your PC.

Run SnagIt.exe to install the program, using the default settings.

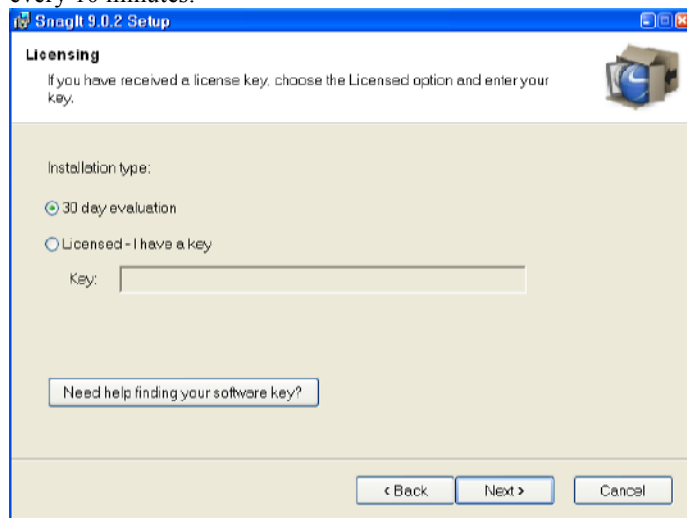
First, you must agree to the software license agreement, so select the “I accept” button and then click “next”



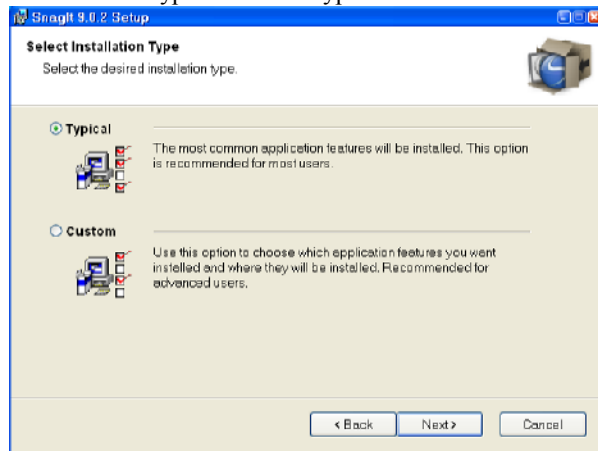
Next you should enter your name and the name of your school in the following window:



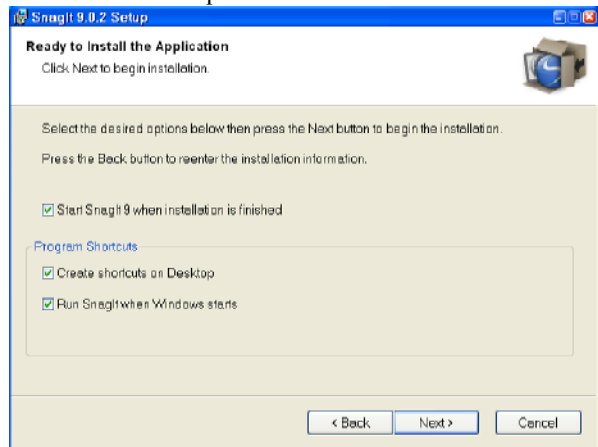
Use the 30-day trial period to setup the program to automatically send helicorder images to the Internet every 10 minutes.



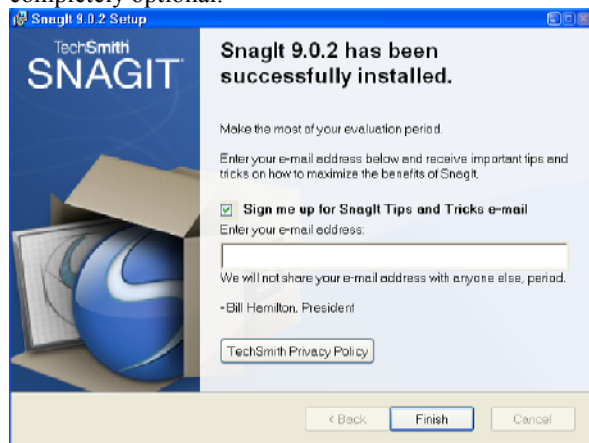
Next select “Typical” for the type of installation.



Be sure all of the options below are checked:



You have now completed the installation. You have an option to sign up or Snagit tips and tricks, but it is completely optional.



# SnagIt Setup Helicorder Images

Once installation is complete, SnagIt will automatically start.

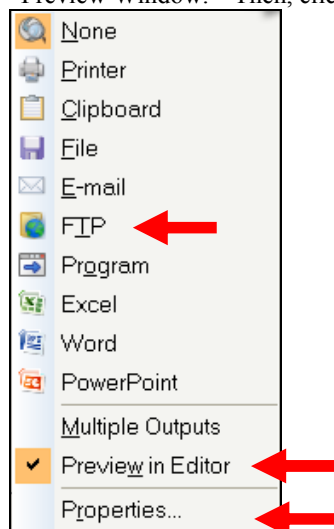
**If you were running an earlier version**, scroll down to My Profiles. Your profile from the earlier version will appear. Click on it, then press the Capture button, and everything should be working as before.

**If this is the first version of SnagIt that you've run**, then follow the steps below to set up automatic capture every 10 minutes. In these steps the "Full Screen" profile will be modified and saved as "AmaSeis 10 minutes."

The SnagIt window will look like the picture below the first time it is run. We will be sending the entire screen to the Internet, so click the "Full Screen" profile. Next, we have to specify where we want the output, so click the "OUTPUT" profile setting.



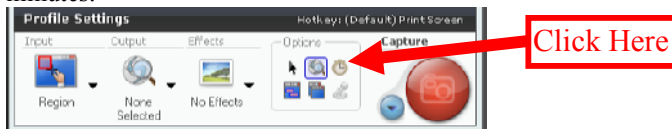
After clicking on "Output" you will see a popup window as shown below.. Select "FTP" and **deselect** "Preview Window." Then, click on "Properties".



Fill in the FTP Output Properties exactly as shown below with one exception. Where it says “ABCD.gif” you will substitute your station code for the ABCD. For example, my station is OSOR so my filename will be “OSOR.gif”. You must contact IRIS at [sishelp@iris.edu](mailto:sishelp@iris.edu) to obtain the required password.

The screenshot shows the 'Output Properties' dialog box with the 'FTP' tab selected. The 'Server Settings' section includes 'FTP server' (ftp.iris.washington.edu), 'Port' (21), 'Remote path' (pub/dropoff/amaseis), and a checked 'Use passive FTP' checkbox. The 'Remote file' section has 'Fixed file name' selected, 'Sequence limit' (0), and 'File name or prefix' (ABCD.gif). The 'Server authentication' section has 'Server authentication' checked, 'User name' (ftp), and a masked 'Password'. There are also checkboxes for 'Show progress' and 'Use proxy server'.

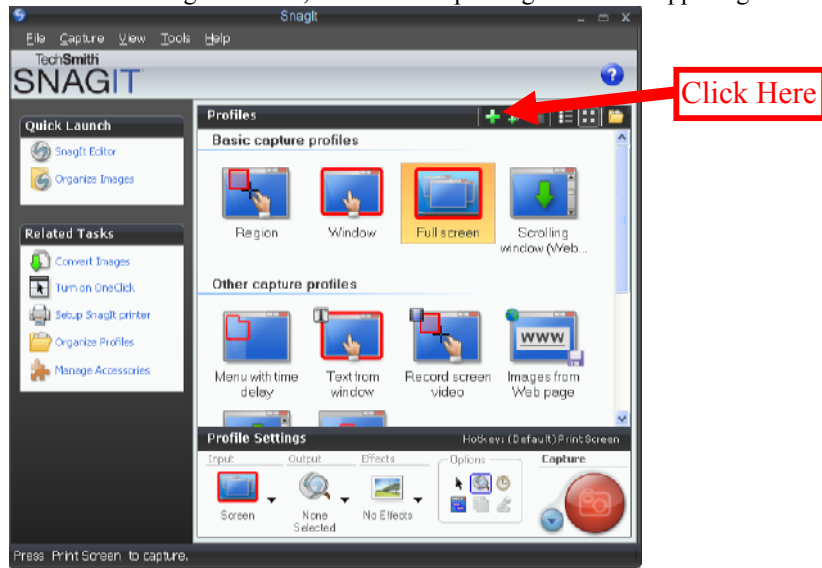
Click “OK” when you are done. Now look at the “Profile Settings” area on the main SnagIt window. Click on the small clock icon within the Options area. We want to enable timer-activated capture every 10 minutes.



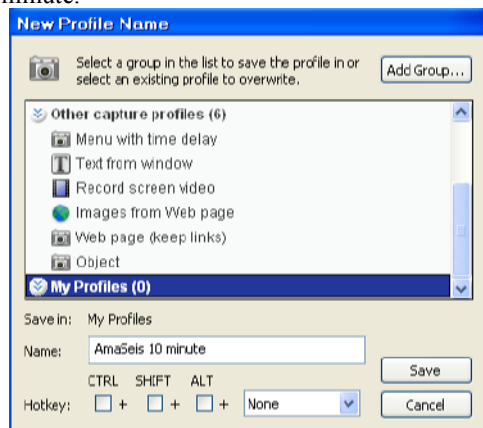
You will then see the Timer Setup popup window. Click on the “Capture Timer” tab near the top. Then click the box next to “Enable timer-activated capture”, and change the frequency to 10 minutes.

The screenshot shows the 'Timer Setup' dialog box with the 'Capture Timer' tab selected. The 'Enable timer-activated capture' checkbox is checked. Below it, there is a section for 'Frequency' with a dropdown menu set to '10' and 'Minutes'.

On the main SnagIt window, click on the “plus sign” near the upper right to save this profile.



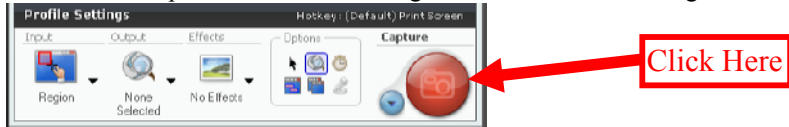
In the New Profile Name popup window, supply a name for this profile. I’ve saved mine as “AmaSeis 10 minute.”



Click the “Save” button. Now your main SnagIt window will show the new profile under “My Profiles”.



Press the red capture button in lower right corner of the main SnagIt window.



When SnagIt returns to the screen, minimize it. The program will continue sending screen images to the Internet every 10 minutes.

Whenever the computer is rebooted, SnagIt will start running, but will **NOT** start timed capture until the capture button is pressed again.

To check if SnagIt is working, just look for your gif file on this webpage:

<http://www.iris.edu/pub/dropoff/amaseis/>

It will only be there briefly before it's transferred to this location:

<http://www.iris.edu/amaseis/schools/as1imgs/ABCD.gif>

where ABCD is your Station Code.

Then your Helicorder image should appear on the IRIS Realtime Seismic Images web page at:

<http://www.iris.edu/hq/ssn/schools/realtime>

Remember that you must register your station in order for IRIS to display your seismograph image at

<http://www.iris.edu/hq/ssn/schools/register>

If you have already registered your station, you must be sure to tell IRIS where they can find your seismograph image. First, go to the "Update School Info" web page at

<http://www.iris.edu/hq/ssn/schools/login>

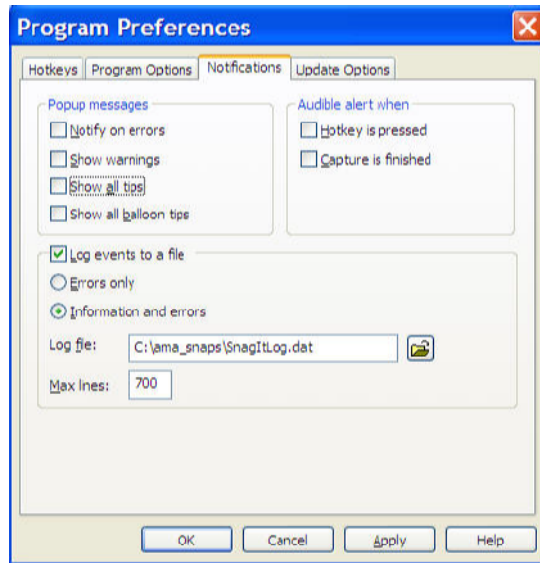
Scroll to the bottom where it says "Realtime Image URL". Enter the location of your image which is

<http://www.iris.edu/amaseis/schools/as1imgs/ABCD.gif>

where ABCD is your Station Code.

If you have problems, contact IRIS at [sishelp@iris.edu](mailto:sishelp@iris.edu)

It's a good idea to turn off screen popup messages from SnagIt via setting on the Tools/Program Preferences/Notifications screen. Otherwise SnagIt will wait for a keyboard response every time there is a problem contacting the Internet. Usually problems only occur occasionally and the next helicorder image goes out without a problem.



Once SnagIt is working at your school, contact IRIS at [sishelp@iris.edu](mailto:sishelp@iris.edu) for license information (you may be eligible to receive a complimentary license key from IRIS). Then, from the SnagIt screen, click on "Help/Enter Software Key" to open the following window to enter the license information.

