RealEMWIN

Software installation
updated Sept. 2007

SKYWARN SYSTEMS INC.

Before You Start…

You should request your IT organization to:

i.   perform this software installation – it requires administrator rights on the computer

ii.   open port 1000 for your use – allows access to the Adams County internet feeds (63.253.71.94, 63.253.71.95)

iii.   open port 21(ftp) - allows access to National Weather Service archive weather information you will need periodically
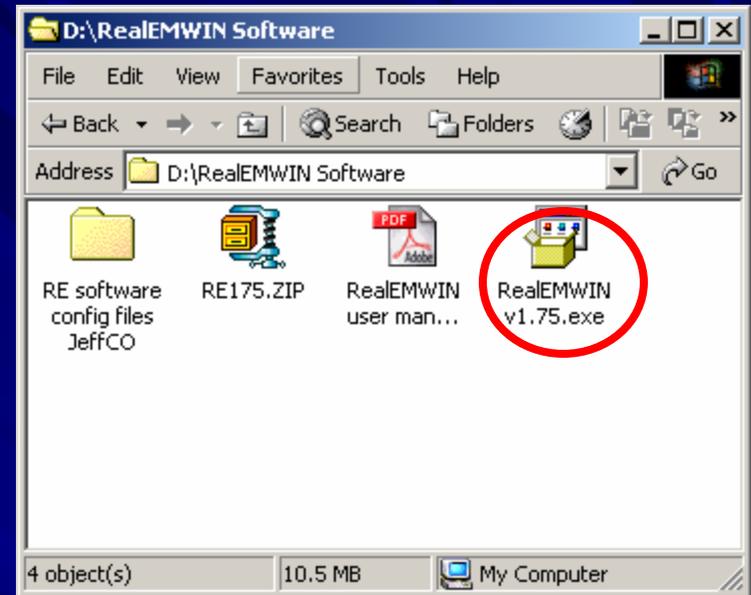
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Initial Setup for Radio Reception

- 1) Open CD to see contents.
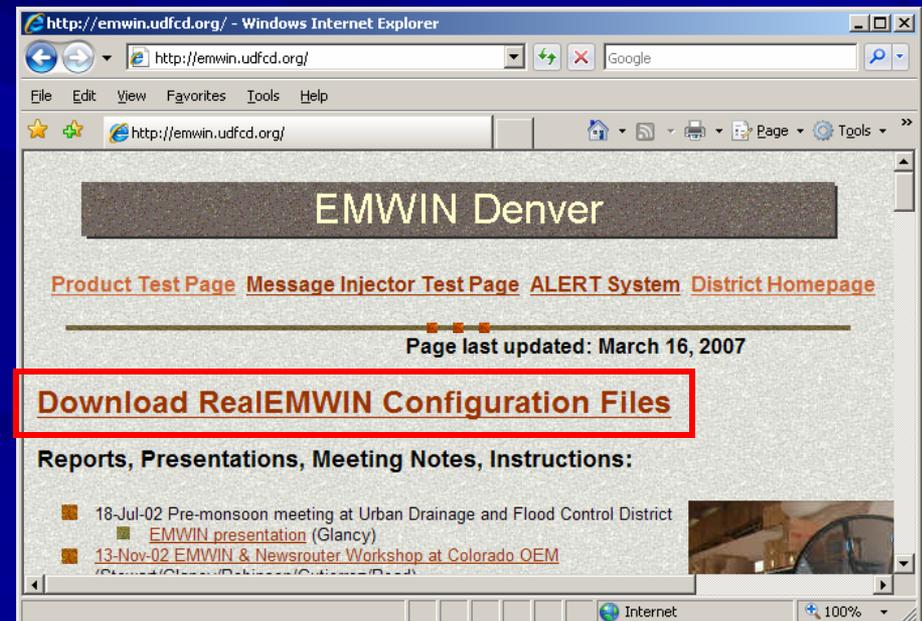- 2) Select "RealEMWIN Software" folder

3) Double click RE175.exe, and follow installation instructions….

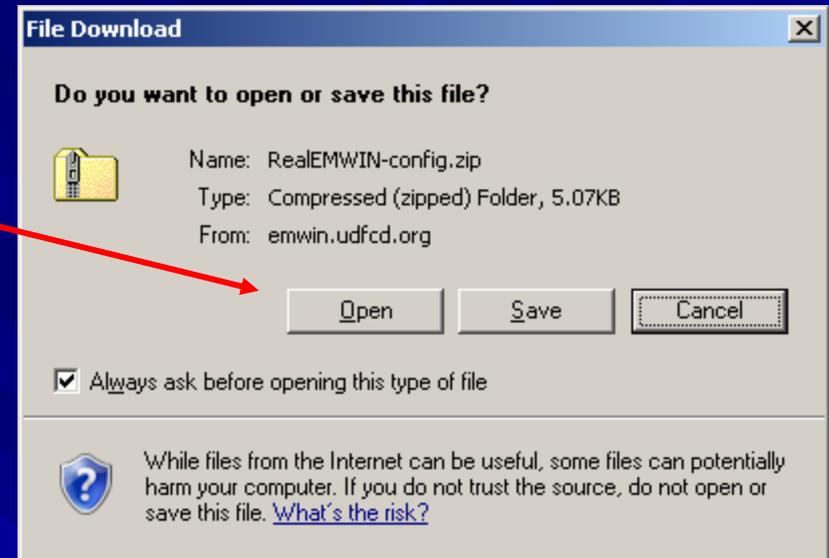**(Select "Next" or "Yes" to step through the default installation.)**

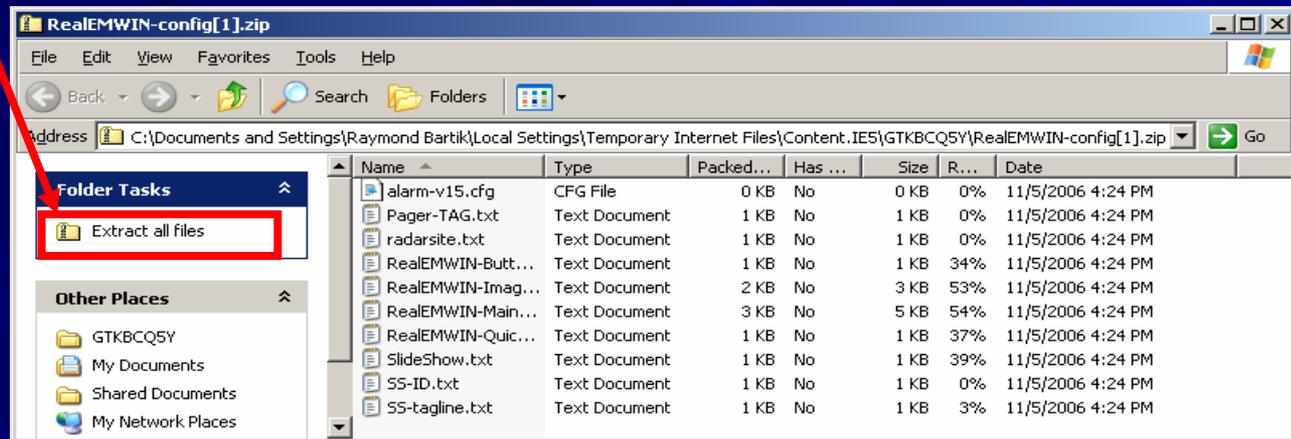**4) When asked to restart the computer, select: "No, I will restart later"**

5) Open your web browser to http://emwin.udfcd.org, Click on "Download RealEMWINConfiguration Files"

6) Select "Open"

File Download

Do you want to open or save this file?

Name: RealEMWIN-config.zip
Type: Compressed (zipped) Folder, 5.07KB
From: emwin.udfcd.org

Open   Save   Cancel

☑ Always ask before opening this type of file

While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk?
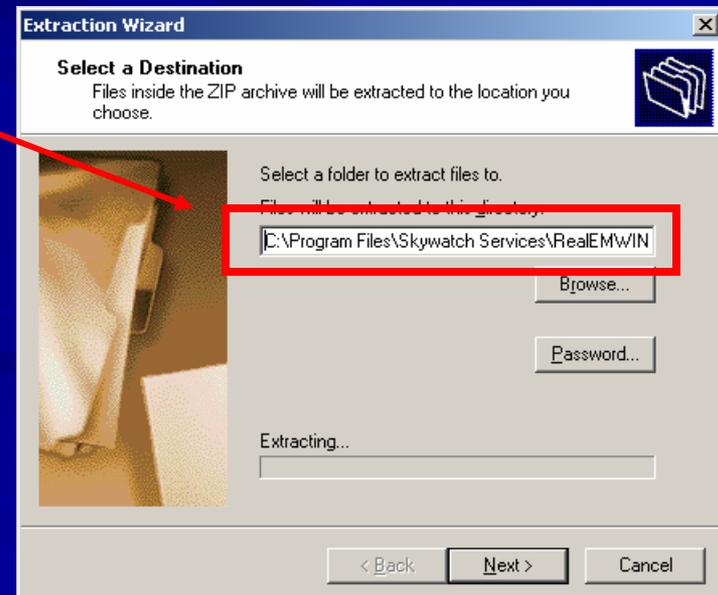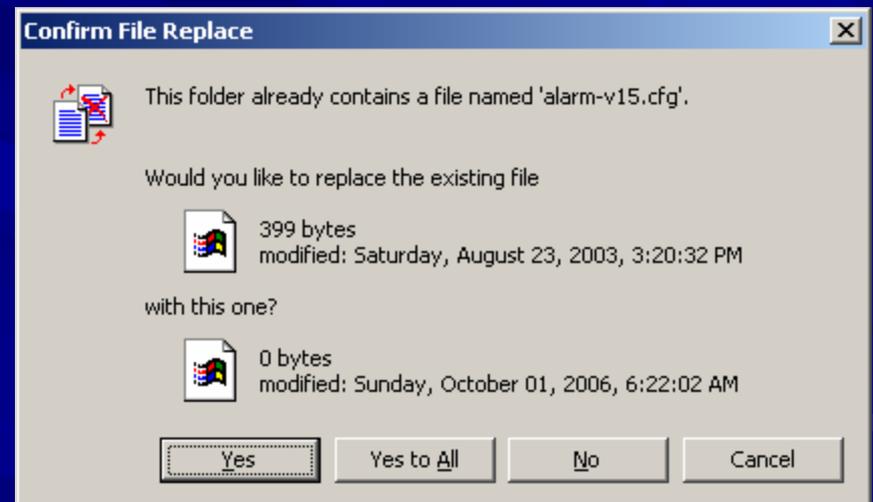
7) Select 'Extract all Files'

8) Extract them to the following folder:
"C:\ Program Files\Skywatch Services\RealEMWIN"

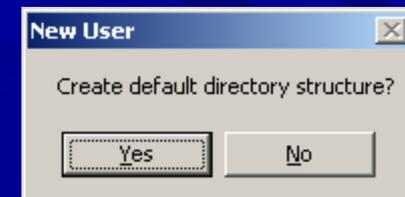**9) When asked if you would like to replace existing files, select "Yes to All"**
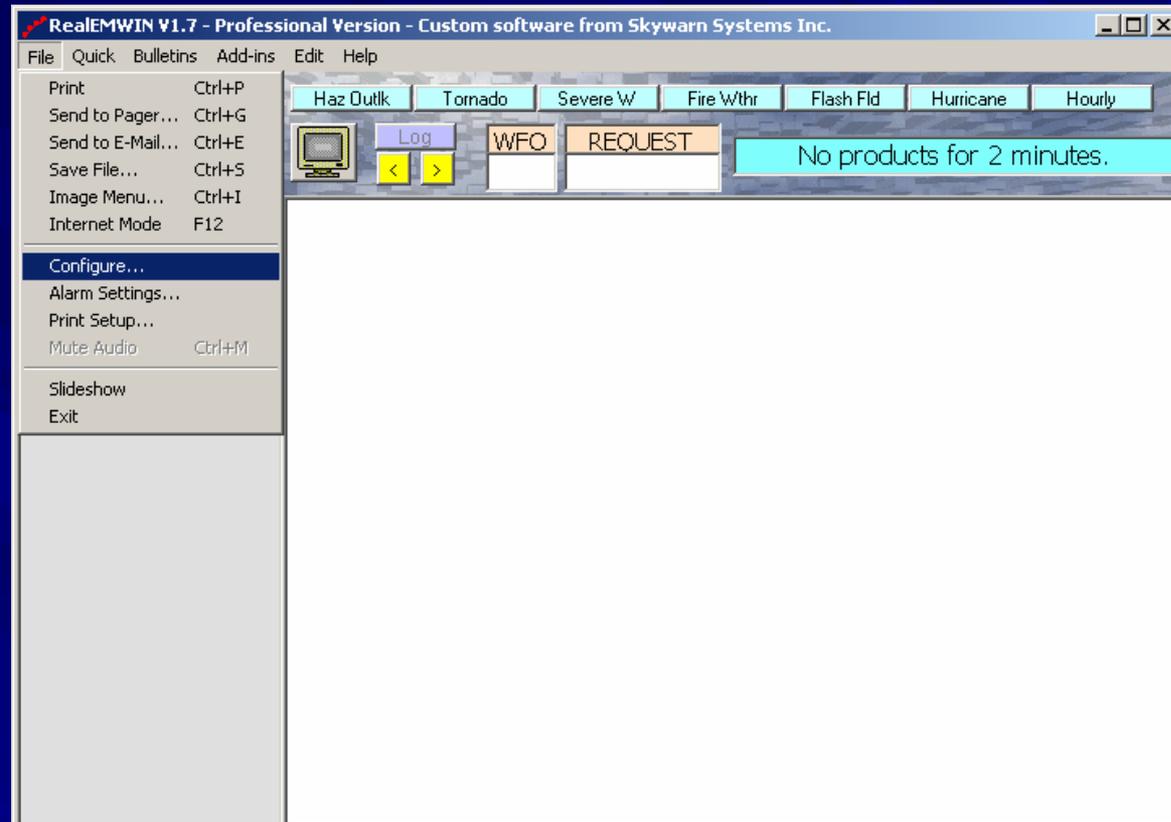
10) Remove CD from drive, and restart computer.

11) When computer is ready, Start RealEMWIN.

12) Select "Yes" when asked to "create default directory structure"

13) When completed, select "File" then "Configure"

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14) Set / Verify the following values in the configuration window:

a) Standalone operational mode

b) Comm Port 1 and Baud 9600 (verify Comm Port with IT if unsure)

c) Enter "DEN" and "BOU" in the first Local WFO box, and clear the remaining boxes.

d) Check the I-Net and METAR boxes, and type in "KDEN"
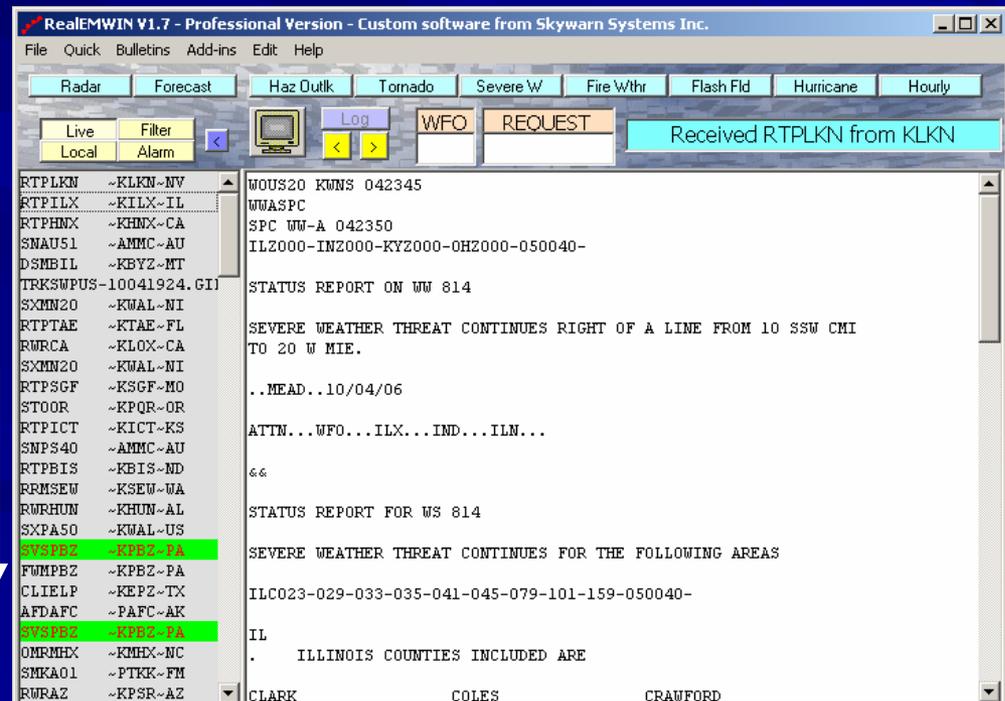
e) Click on "SAVE".

15) Select "OK" when the following dialog box appears:

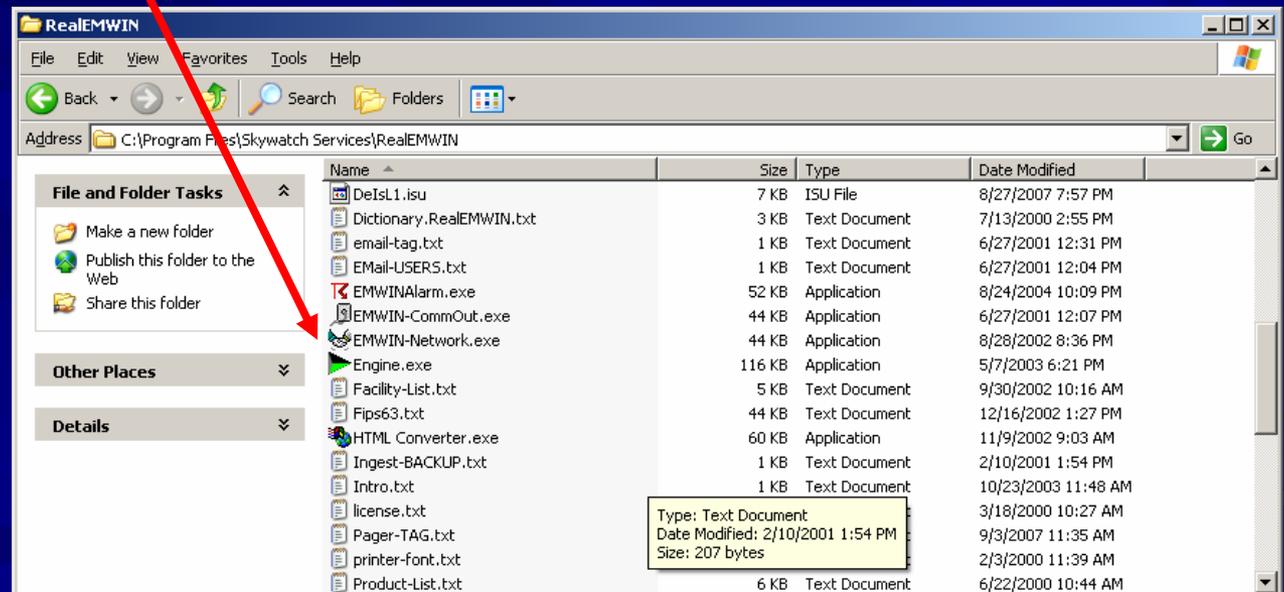# 16) Restart RealEMWIN. File names should begin appearing on the left side.

File names appear and fill down

To enable internet backup…

17) Open "C:\ Program Files\Skywatch Services\RealEMWIN"
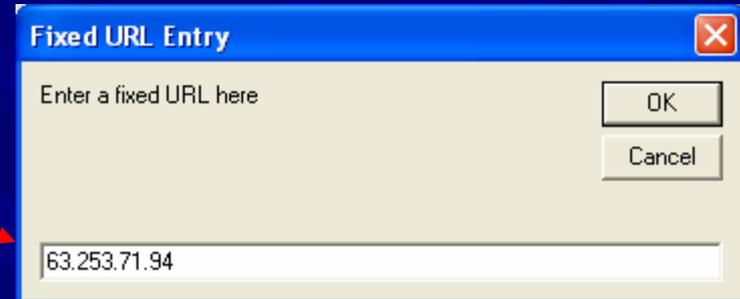
And open 'Engine.exe'.

(This is the internet ingest program for RealEMWIN.)

18) The internet engine will appear:

RealEMWIN / Internet Engine - Connected
File Options 11/15/2006 8:52:45 AM
Disconnect   Capturing: FWSSTOCA.TXT - 1024 of 2048 bytes.

19) Click on "Options" then "enter fixed URL"
and type "63.253.71.94" or "63.253.71.95" in
the box.

Fixed URL Entry

Enter a fixed URL here   OK
                                Cancel

63.253.71.94

Click "OK"
Select "Options" then "use fixed URL".
It will be checked.

20) Click "Disconnect". The computer will then
reconnect and show activity. The system is
now receiving content from the Adams
County EMWIN Server.

Shows CONNECTED

RealEMWIN / Internet Engine - Connected
File Options 11/15/2006 8:52:45 AM
Disconnect   Capturing: FWSSTOCA.TXT - 1024 of 2048 bytes.

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21) Close the internet ingest program.

When the radio data is lost, RealEMWIN will automatically switch to the internet connection at Adams County.

THIS ENDS THE RADIO SYSTEM software installation…

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For those outside of radio coverage…

you can use the internet to access EMWIN Denver Data

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22) Set / Verify the following values in the configuration window:

a) Internet Feed mode

b) Enter "DEN" and "BOU" in the first Local WFO boxes, and clear the remaining box.

c) Check the I-Net and METAR boxes, and type in "KDEN"
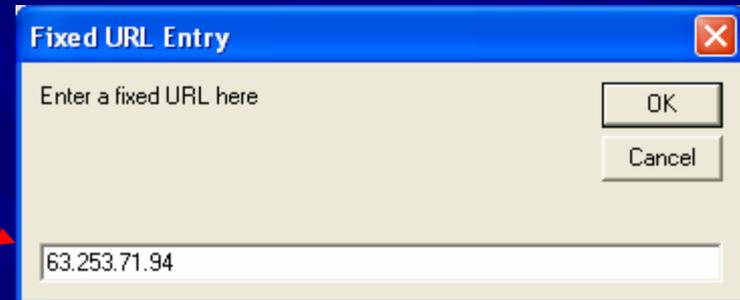
d) Click on "SAVE".

e) Restart RealEMWIN.

23) The internet engine will appear:

RealEMWIN / Internet Engine - Connected
File   Options   11/15/2006 8:52:45 AM
Disconnect   Capturing: FWSSTOCA.TXT - 1024 of 2048 bytes.

24) Click on "Options" then "enter fixed URL" and type "63.253.71.94" or "63.253.71.95" in the box.

Fixed URL Entry
Enter a fixed URL here   OK
                                Cancel
63.253.71.94

Click "OK"
Select "Options" then "use fixed URL".
It will be checked.

25) Click "Disconnect". The computer will then reconnect and show activity. The system is now receiving content from the Adams County EMWIN Server.

Shows CONNECTED

RealEMWIN / Internet Engine - Connected
File   Options   11/15/2006 8:52:45 AM
Disconnect   Capturing: FWSSTOCA.TXT - 1024 of 2048 bytes.

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You have successfully installed your equipment and
configured RealEMWIN software for use in the Front Range.

Enjoy!

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