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Installing and Running WinCap

This document explains how to setup WinCap, the windows capture program. This document also contains information for original WireReady customers trying to preserve their old capture settings when upgrading to WinCap.

If you receive wire services, a computer must be designated to be the wire capture computer. The capture station captures all incoming data on the COM port(s) and writes the news to a database file stored on the file / server / shared drive that runs your LAN system. On LANs we recommend you dedicate a workstation (for added reliability) to run the capture client software. If computers are not available, the wire capture client may be run as a minimized task on one computer someone uses as a regular workstation. On a small LAN, if you want to host the WinCap program on your server, that can be done as well.

If you use the DOS capture program, and it is setup to capture for your LAN, it doesn't have to be replaced unless you will not have a Windows 95/98 computer, or you want to get rid of the DOS program altogether. The DOS capture will not run from Windows 2000/NT/XP. WinCap runs from 2000/XP as well as other Windows operating systems.

WIN-Based (32-bit) Capture Client Information

Wincap.exe is a low-overhead 32-bit capture program that works with all PCI-based COM ports. If you plan to capture several wire services, we recommend and resell COMTROL brand RocketPort PCI based 4 and 8 port com cards, although all brands will work. We also support USB to COM port converters and sell adapters that can turn one USB port into one or more COM ports using a standard USB hub.

If you don't use our DOS capture program and aren't trying to preserve all settings skip the below section in italics.

NOTE FOR DOS CAPTURE CUSTOMERS - Before installing any of the new files you received, you should back up the configuration file used for the DOS capturing (*\$config.wr*) and the capture file (*\$capture.cap*). The file will be in the *[server drive]:\wire\capture* folder or *c:\wire* folder on your old system.

Before upgrading to WinCap, you will want to determine the settings used for receiving wire services. To do this, open a MS-DOS box or command prompt, and from the *[server drive]:\wire\install* prompt, type *SETUP*, then strike the Enter key. When asked for the installation path, make sure it shows *[server drive]:\wire*. From the Main Menu, highlight *Select Service Type and Speed*, and press the Enter key. Write down all of the information displayed in the *Wire Services* listing. This information is, in order:

wire service
port address
port interrupt
baud rate
parity
data bits
stop bits
connection

The *\$config.wr* file will need to be edited to remove the lines that tell it to capture the wire services. This can be left until the WinCap program is configured, but you do not want to run both the DOS and Windows programs together when they are both configured to capture your wire services.

After WinCap is installed, you will use the Setup program to disable the DOS capture program from capturing.

If this is a new windows installation, disregard the information in italics above.

Installing Additional COM Ports

If you are using WireReady-supplied USB to RS-232/COM port converters to connect wire services, you need to install drivers for the device. When you connect the USB converter to the USB port it will prompt for a driver. The driver can be found on the WireReady installation CD or on the drive that NewsReady for Windows was installed to in the *WIRE\INSTALL\USB2COM-FTDI* folder.

Do not use the drivers that came with the USB converter CD, as they are not the

latest. You must use the drivers on our CD-ROM in order to use 2 or more of these adapters on the same computer. You can use a standard USB2.0 hub if you need to put more than one adapter on the same USB port.

Once configured, these devices show up in Device Manager as COM ports. Once you identify the COM port number assigned by Windows, this is the port number you use when configuring the devices to work WinCap.

Folders and Files Needed to run WinCap

The following folders will need to be created to run WinCap, if they do not already exist. (If you installed using our CD-ROM, then these folders and files already exist) They can be created from either a DOS box (go to Start, then Run, and type "command" in the entry box) using the MKDIR command, or using Windows (open Windows Explorer, open the server drive, choose File, then New, then Folder).

```
[server drive]:\wire  
[server drive]:\wire\wcapture  
[server drive]:\wire\install  
[server drive]:\wire\system
```

You should have received the necessary files, either via email or on a CD-ROM, for installing WinCap. Place the files in the following folders:

WinCap.exe should be in the **[server drive]:\wire** folder.

Wcapture.ini should be in the **[server drive]:\wire\wcapture** folder.

Setup32.exe should be in the **[server drive]:\wire\install** folder.

\$id2.dat should be in the **[server drive]:\wire** folder. There will already be a \$id2.dat file in this folder. Rename this file to \$id2-old.dat before putting the new file in C:\wire\. This file will remove the need for a security key to run the DOS NewsReady program.

Configuring WinCap to Capture Wire Feeds

The Wincap.exe program is configured with the Setup32 program.

To Run the Setup32 Utility:

1. From the desktop double-click on the "My Computer" icon.
2. Double-click the server drive containing the WireReady software.
3. Double-click the Wire folder.

4. Double-click the Install folder.
5. Double-click the Setup32 file.

-OR-

1. Click on the Windows Start button.
2. Click on Run
3. Enter the path of the Setup32 file ([server]:\wire\install\setup32.exe).
4. Strike the Enter key or click OK.

The WinCap Configuration tab in Setup32 is used to set up the wire services for the WinCap program. Up to eleven wire services can be configured here. Remember to click the *Save* button before exiting the program. An explanation of each available option follows:

To Set up the Wire Services:

1. Click on the WinCap Configuration tab.
2. Click on the WinCap Config Page 1 tab.
3. Under the Section labeled "Service 1" use the drop-down triangle to select the first wire service subscribed to.
4. Enter the COM port number for the port that receives that particular wire service.
5. Use the drop-down triangle to choose the baud rate for that wire service.
6. Use the drop-down triangle to choose the corresponding parity for that wire service.
N = None; O = Odd; E = Even; M = Mark; S = Space (M and S are rarely used).
7. Use the drop-down triangle to choose the data bits for that wire service (5, 6, 7, or 8).
8. Use the drop-down triangle to choose the stop bits for that wire service (1 or 2).
9. Repeat this process for each additional wire service subscribed to.

For example AP is typically 9600, E 7 1. If you need settings for your wire service give us a call.

Note: If you are unsure of these settings contact your wire service.

10. The WinCap Config Page 2 tab provides for six additional wire services.
11. If you have purchased an alarm box from us enter the number of the COM port that the HW-Alarm ID5000 will be connected to in the Alarm Port entry box, if used. The ID5000 is used to generate an alarm when specified wire feeds are received in the wire browser.
12. If you want WinCap to log what it captures (for tech support purposes, not generally used for normal use): Mark the checkbox in the Logging section on WinCap Config Page 1 to enable a text file to be created that

- lists the time, date, and headline of each story as it is received. The log will also show when WinCap was started and each wire service was initialized. The log is saved to [server_drive]:\wire\wcapture\log\filename.log. The filename is in the format MM-DD-YYYY.log. For example, 06-14-2001.LOG. We recommend you do not activate the log unless you have problems. It will accumulate disk space as a log is created each day.
13. Change the path to the capture file if necessary in the "Capture File Location" entry box (it normally should say w:\wire\capture\capture.cap). If you change this name/path, you will have to edit all users INI files. (therefore we recommend using this path)
 14. Click the Save button before exiting Setup32.

NOTE FOR ORIGINAL DOS CAPTURE CUSTOMERS: Setting DOS NewsReady for Not Capturing Wire Feeds

Skip the below section in italics if you aren't converting from an original DOS-based WireReady system:

***NOTE FOR DOS CAPTURE CUSTOMERS** - Before running WinCap, you will want to disable the settings used for receiving wire services in the DOS program. To do this, open a MS-DOS box or command prompt, and from the [server drive]:\wire\install prompt, type SETUP, then strike the Enter key. When asked for the installation path, make sure it shows the [server drive]:\wire. From the Main Menu, highlight Select Service Type and Speed, and press the Enter key. Highlight Service1 and press the Enter key. Change the wire service to NONE by hitting Enter on the Service line. Strike F4 to save the changes. Edit the rest of the services, if there is more than one. Strike F4 to save the changes to all the services.*

Remove any shortcut to the DOS program in the startup group.

TWEAKUI

We have included Microsoft's TWEAK utility under WIRE\INSTALL. You may install this utility on your wire capture computer. TWEAK lets you setup the capture station to automatically login to your network. We have included versions for Windows95, Windows98, and Windows2000 and Windows XP. Refer to the *Installing the Tweak User Interface* document to install the program.

Running WinCap

The WinCap program is called by running [server drive]:\wire\wincap.exe. You can make a shortcut on the desktop and we recommend putting this in the Startup folder so that it starts anytime you boot your machine.

To Add a Shortcut to the Startup Menu:

1. From the Desktop, click and hold the WinCap shortcut icon.
2. Drag it over the Start button (and continue to hold down the mouse button).
3. Drag it over the Programs folder (and continue to hold down the mouse button).
4. Drag it over the Startup folder (and continue to hold down the mouse button).
5. When the Startup folder displays what it contains, drag the WinCap shortcut into this area (even if it says Empty).
6. Release the mouse button. Choose to "Copy Here".
7. If you had been running the DOS program, any old shortcuts relating to NewsReady or the capture file should be deleted from Startup. Right-click on the old shortcut, and then choose Delete.

After a reboot, WinCap should come up and start capturing the wires. The DOS Manager program should not be running.

WinCap should be left running on the machine 24/7 – otherwise it will not capture your news.

Note to prevent accidental closing of the program it requires a password to be shut down- the password is EXIT

IF YOU ARE USING A NOVELL NETWORK:

The client level file caching option must be disabled on the network client on each workstation. Since the capture file is being written to all the time, and is being read by multiple machines at the same time, the file caching will prevent some machines from updating the wire browser.

To turn off file caching:

Right-click the red N in the system tray and choose Novell Client Properties.
On the Advanced Settings tab, change File Caching to Off.

After this change, it requires a restart of the computer.