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32bit Fax, FaxMail for Windows and FaxMail Network for Windows are very similar with the same look and feel. 32bit Fax and FaxMail Network for Windows are 32bit and will run on a single computer or network system. If you need a 16 bit single computer version, try FaxMail for Windows.

If you are going to be using FaxMail Network for Windows on a 16bit version of Windows such as Windows 3.1x or Windows for Workgroups, you will need to install Win32s, if you have not already done so. You can get Win32s.zip, FREE, from Microsoft or search the web, www.ElectraSoft.com, aol, or CompuServe. Win32s allows 16bit Windows to run some 32bit programs.

32bit Fax will only run on 32bit version of Windows.

32bit Fax adds a [FaxBar] to all your Windows Programs

If you can print, you can fax

All the Fax Machines in the world are your printers with 32bit Fax

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DESCRIPTION:

32bit Fax supports Microsoft Windows 95/98/NT. Supports most FaxModems, Group 3 CLASS 1, CLASS 2 and CLASS 2.0. 32bit Fax will add a [FaxBar] to your Windows Programs, giving you access to all the FaxModems and FaxMachines in the world, making them become your printers. 32BF attaches itself to and becomes a part of the actual Microsoft Windows environment, thereby adding its features to all Windows Applications. 32BF has hundreds of useful features such as Dynamic View/Edit Cover Page, FaxBook Import/Export, Windows Dynamic All Class FaxModem Driver, and Technical Support. You can import up to 1000 name and phone numbers into each FaxBook (Phone Book) at a time from any xBase data base program, and you can have as many FaxBooks as you want. 32BF gives you laser quality fax output, making it a great tool to send an occasional fax or large numbers of high quality faxes from the background while you work on other tasks. 32BF bundles the most useful fax features, and it is fast! The simplicity of information transfer via 32bit Fax is unequalled. It is a faxmail management system, integrating FaxModem

technologies into computer document generation. You can create very short and/or long faxes. Workstation 1 must have a modem and access to the root of a common server drive. All other workstations must have access to the root of that same common server drive. Workstation 1 receives all fax and can route them to the in-boxes of the other workstations. All workstations put their outgoing faxes in the queue of workstation 1.

FEATURES:

*Will run as an NT Service *select number rings until the FaxModem answers *number of re-dials *length of time between re-dials *set modem volume *[Scale to printer] or [Print actual FAX size] *view and move fax from Windows File Manager *Immediate or scheduled fax sends *broadcast queue holds 32,000 fax *option to auto-print incoming faxes in the background *send/receive fax in the background while you work in the foreground *easy fax management *GOOD help system *very fast fax viewer *log all sent and future fax events *quick notes with variable merge from FaxBook fields *fax any document you can print (send amazingly clean resumes) *event monitor *received fax notification *fax rescheduling *up to 1000 entries per FaxBook *easily create custom cover pages *background printing *supports [Silent-Answer] *32BF Convert to Fax driver *supports many paper sizes, in PORTRAIT and LANDSCAPE, including Letter 8.5x11, Legal 8.5x14, A4 210x297mm, A5 182x257mm, and is user definable down to a fraction of an inch *Enhanced Windows Dynamic All Class FaxModem Driver *FaxBook merge into Cover Page *Automatically switches from Fax to Printer Mode *Supports Microsoft Word for Windows, Windows Write, and all other programs with the abilities to print *Full-support for COM1-COM256.

INCLUDES:

Modem Tester COM-Port/FaxModem Tester. Modem Tester tells is on all of your COM-Ports. Great tool for finding Port/FaxModem conflicts.

REQUIREMENTS:

Microsoft Windows 95/98/NT, and a Modem. Almost all modems are CLASS 1, CLASS 2 or CLASS 2.0. 32BF supports all three CLASSES.

UPGRADE HISTORY:

Converting Multiple Faxes into One Fax is better covered in the help system. Improved Cover Page editor. Modifiable exit modem initialization string. Minimize to System Tray or Taskbar option. Distinctive Ring. The Send to Fax API (SEND2FAX.DEL) that can be called from other programs now supports more fields - [Header], [Recipient], [FaxNumber], optionally Scheduled [Date] and [Time], and [Subject]. Set time format to [am/pm] or [24 hour]. Set date format to MM/DD/YYYY - USA, DD.MM.YYYY - UK or YYYY-MM-DD - WORLD. Export to FaxBooks from the Events Log. Improved Event Monitor. Global FaxBooks that can be shared by all Workstations. Improved NotePad. Fit Fax to page. Year 2000 and up compliant. FaxBook import is more flexible. Fax Viewer Zoom In/Out. Shareware and registered version includes OCR (Optical Character Recognition), Fax to PCX BreakUp, Zoom/Edit Fax, Build Fax, and FaxBook Import/Export. The OCR will convert fax into text that can be read by all editors and Word Processors, yet retains the original fax, unchanged. BreakUp will break a multiple page DCX fax file into individual one page PCX files that can be easily imported into most Windows programs. Edit Outgoing and Incoming Fax. Before printing to a fax machine or upon receiving a fax, you may want to use Zoom/Edit to add graphics, text (any font, any size), or use your mouse to sign the fax. Build Fax form other faxes. Enhanced class 1 fax driver. Install will automatically find your modem and initialization string for you. New 95/98 Convert to Fax. Improved Events Log. 3D dialog boxes. Supports almost all FaxModems including USRobotics. To better track faxes the Send Fax and Receive Fax dialog boxes have a subject field that can be read in the Events Log. In addition to the event time stamp, an Event Concluded time stamp has been added to the Events Log. Optionally

see all events from all workstations. All send events show in the Future Send Queue. Multiple select Send Queue. Events Log can do Multiple select ReSends. Events Log Multiple select supports control and shift keys. Events Log shows more detail. 32BF now supports many more printers including the HP 600C series. Improved progress reporting in the Event Monitor. Works with more modems. When 32BF is closed and reopened, it will reopen in the same position and size including Maximum, Background and Minimum. FaxBook Comment field in Cover Page. Number of Pages In Fax field in Cover Page. Multiple select in the Events Log. Extended accented characters support in FaxBooks. Extended accented characters support in Cover Page. Option in Configure to select the 32BF dialog boxes as TopMost or NoTopMost. Print details of a fax send or receive from the Events Log. Receive faxes from Fax On Demand Services. Improved print system. Go to our www-page for instructions on how to Run 32bit Fax as an NT Service. Print from [View Cover Page]. Print PCX files. Can now print legal size faxes. Addition of [Using Your Program's FaxBook system] to pass a recipient and phone number to 32BF so as not to have to use the 32BF FaxBook system. Full support for COM1 - COM256.

BEFORE ALL ELSE:

Because of size constraints we are forced to leave some of the glitter out of this shareware versions, but it is still VERY MUCH a FULL working fax program with feature not seen anywhere else. We left off things like decorative bitmaps, several of the sample cover page logo files and a few other things that will not impede your use of 32BF. All of the above mentioned and more will be in your registered version.

We are working full time on improving and upgrading 32bit Fax based upon the feedback from you and other users. So...before you install, look at the date on this file. If the date is more than a week old, you may want to get the latest version.

You can get 32bit Fax from many BBSs and FTP Internet Sites around the world. 32fax901.zip, where 32fax901 means version x9.01.06.

<http://www.ElectraSoft.com/> or <http://www.blkbox.com/~jonk/>
CompuServe: GO WINCON, 32BFAX.ZIP

If you have a problem that is not covered here, contact ElectraSoft at 281-261-0307 because most likely there is either a solution to your problem, or a newer version of 32bit Fax does not have the problem.

LEGAL INFORMATION:

If you have a registered version of 32bit Fax you may *NOT* share the registered version with others.

32bit Fax is shareware. This means you have a chance to test the performance of 32bit Fax before committing yourself to buying it. 32bit Fax is a Shareware product and we would like you to REGISTER after testing this 30 day evaluation copy.

Only the unregistered version of 32bit Fax may be distributed freely, and no fee may be charged for it except a nominal copying fee. All trademarks contained herein are registered to their respective owners.

IMPORTANT INFORMATION:

While converting printer output to a fax, 32BF will need to create and use a temporary file called [TOFAX] and then delete it when finished. This file will be in the root of the drive 32BF is installed on.

So that 32BF Convert to Fax will be able to convert printable files to

faxes, you may want to check the following three things on the drive that you installed 32BF on:

1. If you have the maximum allowed files in that root directory, remove some.
2. If you have a directory called TOFAX on that drive, remove it.
3. If that drive is full, make some room. The fax converter needs about 200k per page. Keep in mind that Windows itself may need 5meg+- free on the hard drive.

If you are currently using another Modem-Program, remember that they can not run concurrently on the same COM-Port.

If your old Fax Program loads from the Windows StartUp Group as you enter Windows, you will have to move it's ICON out of your Windows StartUp Group by grabbing it and dropping it in another Group.

32BF INSTALLATION:

Make a directory called 32BF_SHR, like this:

```
C:
CD \
MD 32BF_SHR
CD 32BF_SHR
UnZIP(PKUNZIP.EXE Version 2.04g or higher) * into 32BF_SHR
directory, like this:
Copy 32BF into 32BF_SHR
PKUNZIP * /O
Use the Windows run command to run the 32bit Fax
INSTALL.EXE.
```

Installation scenarios:

Single computer with no network:

- o You must be Workstation 1.
- o Give [Your Computer Drive] as the drive you want 32BF to use.
- o Give [Server Drive] as the same.
- o You will need a working fax modem.
- o You can send faxes.
- o You can receive faxes.

Installing on Server as Workstation 1:

- o Give [Your Computer Drive] as the drive you want 32BF to use.
- o Give [Server Drive] as the same.
- o All other Workstations will need access to this network drive.
- o Server computer will do all other stations sends a receives in the background.
- o Server will need a working fax modem.
- o Server can send faxes.
- o Server can receive faxes.

Installing on Server as Workstation 2 or above:

- o Give [Your Computer Drive] as the drive you want 32BF to use.
- o Give [Server Drive] as the same.
- o All other Workstation will need access to this network drive.
- o Workstation 1 will have the modem and do the work.
- o You do not need a modem.
- o You can send faxes.
- o You can not receive faxes.

Installing on a Workstation as Workstation 1:

- o Give [Your Computer Drive] as the drive you want 32BF to use

- on your computer.
- o Give [Server Drive] as the drive on the Server for all stations to share.
- o All other Workstation will need access to this network drive.
- o This computer will do all other stations sends a receives in the background.
- o You will need a working fax modem.
- o You can send faxes.
- o You can receive faxes.

Installing on a Workstation as Workstation 2 or above:

- o Give [Your Computer Drive] as the drive you want 32BF to use on your computer.
- o Give [Server Drive] as the drive on the Server for all stations to share.
- o You do not need a modem.
- o You can send faxes.
- o You can not receive faxes.

Notes:

Workstation 1:

- o Will always be the computer with the one and only fax modem.
- o Will be able to see and intervene in all Workstations Events Log and Future Send Queue.

Workstation 2 and above:

- o Can only see and control there own business.
- o Does not need a modem.

AFTER 32BF INSTALLATION:

After installation, you will have several icons in the 32bit Fax Group. Please note the following icons:

Manual (MANUAL.WRI)
 Read Me (README.WRI)
 Q and A (Q_A.WRI)
 32bit Fax Tutor (32BFTUTR.WRI)
 32bit Fax Help (32BF.HLP)

These should be read before using 32bit Fax. There is also [Contact-Sensitive Help] buttons, throughout 32bit Fax, for your convenience.

Everything is explained thoroughly in the 32bit Fax help system, which may be called upon from anywhere in 32bit Fax.

If you want to use 32bit Fax from within any Windows Application and/or take advantage of *ALL* the power 32BF has, load 32bit Fax from the 32bit Fax Group before loading any other Windows Applications.

After the 32BF program is loaded, click on the [Configure] button and SetUp and configure things *YOUR WAY*. I suggest that if you are not sure of something, leave the defaults set as it came to you. Make a printout of the defaults in case you change something you do not understand yet.

WINDOWS 95/98:

If you are installing on Windows 95/98 and after rebooting your computer the [32BF 95 Convert to Fax] does not show up in the printer selection list, use the Add Printer ICON as follows:

- o Click [My Computer], [Printers], [Add Printer], and the Add Printer Wizard box will appear.
- o Click [Next].

- o Click [(*)Local Printer], [Next] to go to the Printer selection box.
- o Under [Manufacturer:] select [ElectraSoft].
- o Under [Printers:] select:
[32BF 95 Convert to Fax] or [FaxMail 95 Convert to Fax]
- o Click [Next] to go to the [Available Port:] selection box.
- o Select [*]?:\TOFAX Unknown local port. Where the ? is the drive you installed the fax program on.
- o Click [Next].
- o Click [(*)No], [Next].
- o Click [(*)Yes], [Next] and wait up to one minute.
- o When asked [Would you like to start the fax program, click [Yes].
- o Shortly the ElectraSoft [Send Fax] box will appear.
- o Click [View Fax] to be sure it worked ok.
- o When asked [Did the test page print correctly] click [Yes].

WINDOWS NT:

Adding [32BF NT Convert to Fax] to Windows NT:

- o Install 32bit Fax.
- o Re-Boot the computer.
- o Log on as Administrator.

WINDOWS NT version 4.XX

1. 32BF should have put the following lines in your NTPRINT.INF file. You can move them into alphabetical if you wish, but it is not necessary.

32BF added this 1 line: (under [Manufacturer] sections)

[Manufacturer]

"32BF_NT"

32BF added these 2 lines: (under Model sections)

[32BF_NT]

"32BF NT Convert to Fax" = FM_PN_NT.DLL

32BF added these 3 lines: (under Installer Sections)

[FM_PN_NT.DLL]

CopyFiles=@FM_PN_NT.DLL,RASDD

DataSection=RASDD_DATA

2. Use the Add Printer ICON and respond as follows:

Note: Some of the following lines may be out of sequence, depending on the NT Build.

- o Click [My Computer], [Printers], [Add Printer], and the Add Printer Wizard box will appear.
- o Click [(*)My Computer], [Next] to go to the Port selection box.
- o Under [Available ports:] Check-Mark and select [*]?:\TOFAX.
- o Click [Next] to go to the Printer selection box.
- o Press [F] on your key-board and select 32BF_NT under [Manufactures:] and 32BF NT Convert to Fax under [Printers:].
- o Click [Next] to go to the Printer name box.
- o Under [Printer name:] type: 32BF NT Convert to Fax
- o Click [Next] to go to the Share box. [(*)Not Shared]
- o Click [Next] to go to the Print test page box.
- o Click [Finish] to go to the select printer driver box.
- o Use the [Browse] button to find fm_pn_nt.dll in the temporary directory where you installed 32BF from. NT will copy fm_pn_nt.dll to the directories that it wants it in. After copying fm_pn_nt.dll, NT will try to copy the RASter Device Driver rasdd.dl_ or rasdd.dll, but because rasdd.dl_ is not in this directory, a Copy Error box will appear. Place your NT

installation CD-ROM in your CD-ROM drive and click [Browse]. Browse to your CD-ROM and select: ?:\I386\rasdd.dl_ by double-clicking it. rasdd.dl_ is a compressed file that NT will expand into RASDD.DLL. Be sure to select rasdd.dl_ and not RASDD.DLL! After coping rasdd.dl_, NT will copy several other files from that directory.

Note:

Files used by the 32BF NT Convert to Fax FM_PN_NT.DLL driver:

?:\WINNT\System32\spool\DRIVERS\W32X86\2\RASDD.DLL
 ?:\WINNT\System32\spool\DRIVERS\W32X86\2\RASDDUI.DLL
 ?:\WINNT\System32\spool\DRIVERS\W32X86\2\RASDDUI.HLP
 ?:\WINNT\System32\spool\DRIVERS\W32X86\2\RASDDUI.CNT

Note:

RASDD.DLL means: Raster Device Driver

RASDDUI.DLL means: Raster Device Driver Universal Printer Driver

- o Click [OK] and the 32BF NT Convert to Fax ICON will appear in the Printers group.

3. Restart your computer as you would after any installation.
4. To use 32BF NT Convert to Fax, load 32BF and run it in background. Load a program and print to the 32BF NT Convert to Fax.

WINDOWS NT version 3.XX

1. After installing 32bit Fax, re-boot the computer, go to [Main] group and select [Print Manager].
2. From the [Print Manager] select [Printer], [Create Printer].
3. Fill out the information in the dialog box EXACTLY as follows. Where the C: in C:\TOFAX is the drive letter of your HardDrive where you installed 32BF. If you installed on D: you will select D:\TOFAX from the drop-down list box.

Note:

- o If you can not find [32BF NT Convert to Fax] in the Driver drop-down list box it is probably because PRINTER.INF is locked or Read-Only. If this is the case, you will have to unlock it and use the 32bit Fax [Change FaxModem Driver] ICON to reinstall.

```

+-----+
|               Create Printer               |
+-----+
|                                     +-----+ |
|                                     | OK      | | |
| Printer Name: | 32BF NT Convert to Fax | +-----+ |
|               +-----++ | Cancel  | |
| Driver:       | 32BF NT Convert to Fax || +-----+ |
|               +-----++ | Setup   | |
| Description:  | Print to Fax           | +-----+ |
|               +-----++ | Details  | |
| Print to:     | C:\TOFAX                || +-----+ |
|               +-----++ | Settings | |
|               +-----+ |          | |
|+-[ ]Share this printer on the network--+ | Help  | |
||               +-----+ |          | |
|| Share Name:   |                   | |
||               +-----+ |          | |
|| Location:     |                   | |

```



```

||               +-----+ |
|+-----+
+-----+

```

4. Select OK.

5. You will be asked for the Windows NT installation floppies or CD-ROM.

Note:

- o In most cases all the printer files are already in place. If this is the case, give C:\ (or the drive that you installed 32BF to) as your NT installation disk.

NT expects to find FM_PN_NT.DLL on your floppies or CD-ROM, but it will not be there because this driver only comes with 32BF. The 32BF installation has already put FM_PN_NT.DLL in place, so it is not necessary for NT to do so. For this reason you will get a [non-critical error] when NT can not find FM_PN_NT.DLL on your floppies or CD-ROM. When you are presented with a non-critical error, select [Ignore]. NT will ignore coping FM_PN_NT.DLL, but will copy the printer driver support files that it does have.

During installation, 32BF creates the following files:

```

\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\FM_PN_NT.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\1\FM_PN_NT.DLL
\WINNT35\SYSTEM32\FM_PN_NT.DLL

```

If for some reason they are not there, copy them there from the unzipped files that came with 32BF.

Notes:

- o During the [32BF NT Convert to Fax] installation, in response to [non-critical errors], select [Ignore].
- o The reason for this unorthodox installation is that NT expects to find the driver, FM_PN_NT.DLL, on your NT installation floppies or CD-ROM for the purpose of copying it. When NT can not find FM_PN_NT.DLL, it will display a [non-critical error]. In response to this non-critical error you will respond [Ignore]. NT will continue and put the following printer driver support files on your HardDrive:


```

\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\RASDD.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\RASDDUI.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\1\RASDD.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\1\RASDDUI.DLL

```
- o When you have successfully installed 32BF NT Convert to Fax, there will be more than one copy of FM_PN_NT.DLL on your HardDrive. They will be in, at least, the following directories.


```

\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\FM_PN_NT.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\1\FM_PN_NT.DLL

```

 Do not delete any of them. NT needs them all. 32BF will also put the following in your SYSTEM directory:


```

\WINNT35\SYSTEM32\FM_PN_NT.DLL

```
- o When installing an upgraded version of 32bit Fax, check to be sure the following files are updated.


```

\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\FM_PN_NT.DLL
\WINNT35\SYSTEM32\SPOOL\DRIVERS\W32X86\1\FM_PN_NT.DLL
\WINNT35\SYSTEM32\FM_PN_NT.DLL

```

 You can find all instances of FM_PN_NT.DLL and FM_PN_NT.DRV by going to the DOS prompt and typing:


```
C:                {Or the drive where NT is.
CD\               {Move to the root-directory.
DIR FM_PN_NT.* /S /P {List directories containing FM_PN_NT.DLL,DRV.
```

o Yoshi Morioka of Japan says:

I found that Japanese printers are using rsddfeui and rasddfe instead of rasddui and rasdd as in the US version.

I changed the printer.inf [Options] section from:

```
"32BF NT Convert to Fax"=rasddui, fm_pn_nt, rasdd
to:
```

"32BF NT Convert to Fax"=rsddfeui, fm_pn_nt, rasddfe
and specify the location of the following files that are specified
in [Files-Printer...] sections. They are in

```
c:\winnt\system32\spool\drivers\w32x86\rsddfeui.dll
c:\winnt\system32\spool\drivers\w32x86\fm_pn_nt.dll
c:\winnt\system32\spool\drivers\w32x86\rasddfe.dll
c:\winnt\system32\spool\drivers\w32x86\rsddfeui.cnt
c:\winnt\system32\spool\drivers\w32x86\rsddfeui.hlp
```

AND IT WORKED!!!

Converting a document to Fax from Windows NT:

1. Load 32bit Fax.
2. Load your text editor or word processor.
3. Select [File], [Printer Setup] or equivalent.
4. Select [32BF NT Convert to Fax on C:\TOFAX] as the default printer.
5. Select [File], [Print] or equivalent.
6. Do your normal print routine to [32BF NT Convert to Fax on C:\TOFAX].
7. After the print job is done, the [Converting Printer output to Fax] dialog box will appear and Convert the printer output to Fax.
8. When the Send Fax dialog box appears, [Fax Viewer] and [Send Fax].

Note:

- o Some Windows Applications like Word for Windows 6.00 may not recognize [32BF NT Convert to Fax] unless you, before loading them, load the Print-Manager and from there select [32BF NT Convert to Fax] as the default printer.

Adding a modem to Windows NT:

1. See FaxModem INSTALLATION in this README.
2. Open the [Main Group] and select [Control Panel].
3. Select [Ports], select [Add] or [Settings] to add your new modem or reconfigure to fit your need.

Note:

The following chart is the normal possibilities, and may help you

while in the [Ports] setup procedure:

COM Port Number:	Interrupt ReQuest Line:	Base I/O Port Address:
+-----+		
	+-----+	
		+-----+
COM1-IRQ4		03F8
COM2-IRQ3		02F8
COM3-IRQ5, IRQ7 or IRQ2		03E8
COM4-IRQ5, IRQ7 or IRQ2		02E8

If you have a sound card, it may be using IRQ5 or IRQ7. A CD-ROM usually uses one of the IRQs above IRQ7.

MIXING DATA VOICE FAX:

On the subject of Data/Voice/Fax:

Solution 1:

One phone - two phone numbers. Contact your phone company and order [Distinctive Ring]. Distinctive Ring is another number that rings in on your same phone, at a very low cost. When someone dials your regular phone number, you will hear a 3 second RING (long RING) every 6 seconds start-to-start. When someone (or a fax machine) dials your [Distinctive Ring] number, you hear 2 short RINGS every 6 seconds start-to-start in the place of your normal long RING.

Be sure you are running a current version [FaxMail Network for Windows] or [32bit Fax]. Go to the ElectraSoft fax software [Configure], select [Configure Modem], and set [Type of RINGS to Answer] to [(X)Distinctive Rings Only]. Give everyone that you want to fax you your [Distinctive Ring] fax number. Now the fax software will only answer the faxes, and not interfere with your voice calls. If you also have an answering machine connected; set the answering machine to answer on RING 3 or above.

Solution 2:

Go to the ElectraSoft fax software Setup/Configure and set [Rings-Until-We-Answer] to [Never]] so the fax software will not answer. If you answer the phone and find that it is a fax, load the Event Monitor and click the [Answer Now] button. When you here the modems negotiating, hang up and let the fax come it.

Solution 3:

To learn about the Supra [Silent Answer] function, go to the www-page listed below and download FaxMail. Included with it is a README, Q and A, and Manual the cover this subject in GREAT detail.

Solution 4:

CommShare not only listens for the fax-tone but also for a code that you can ask the sender to use. This way you do not miss the fax calls from the 20% of fax machines that do not send the fax-tone:-) I bought a CommShare at Best Buy.

Solution 5:

A modem and phone-line for each function.

Note:

Modems are inexpensive...Get two modems. Run one phone-line from wall to Fax-Modem's Line-In-Jack, and another phone-line from said Fax-Modem's Phone-Jack to Email/Data/Etc-Modem's Line-In-Jack.

SILENT ANSWER:

Silent Answer requires the support and cooperation of the remote sending FaxModem/Machine with your receiving FaxModem. If the sending FaxModem/Machine does not support [Silent Answer] by sending the [CNG] tone, you will lose that Fax! Please read *all* of this area before using [Silent Answer]. If you still want [Silent Answer], here is what it does and how to implement it.

Silent answer let one telephone line be used for two purposes; receiving Faxes with the FaxModem, and receiving voice calls with an answering machine or telephone. When set to this mode, the FaxModem lets your answering machine answer all incoming calls. If it detects Fax [CNG] tones, it routes the call to 32bit Fax. Otherwise, it just sits silently on the phone line while you or your answering machine takes the call.

When the phone rings and after the second ring the FaxModem will start monitoring the telephone line. If it detects a Fax tone, it will receive the Fax. If it does not detect a fax tone, it will do nothing.

Silent Answer hardware installation When installing the FaxModem, DO NOT plug the answering machine into the telephone jack on the back of the FaxModem. Instead, do one of the following:

- a. Plug the answering machine and FaxModem into different wall jack (i.e. jacks in different rooms).
- b. Plug the answering machine into a wall jack and the FaxModem into the answering machine.
- c. If your answering machine has some kind of phone-jack switching; use this method. You must locate the two devices on separate extensions to make silent answer work correctly. This means you can not plug the answering machine into the FaxModem or vice versa. You can split a single extension with a duplex jack adapter. Radio Shack commonly carries these, part number 279-357 for \$4.49.

Also, if you have an older answering machine that does NOT automatically turn itself off when it detects that a person or the FaxModem has answered the call, you need a \$7.95 adapter from Radio Shack, part#43-107. This adapter disconnects the answering machine from the phone line when the call is answered. It goes between the answering machine and the wall jack.

Note:

The device that is picking up the line initially, must answer after, and not before, the second ring. This means you should set it to 3 for best results. If no other device picks up the line by the time the number of rings that 32bit Fax is set to is reached, 32bit Fax will answer it and process a Fax.

To activate Silent Answer

Load 32bit Fax program and click on the [Configure] Button and on the Silent Answer [Check] Button. Set the number of rings until we answer to four and set your answering-machine to three rings. If the Silent Answer [Check] Button is inactive and gray, your FaxModem does not support Silent Answer.

USING MODEM TESTER:

Definition:

COM-Port/FaxModem Tester. Modem Tester will generate a log and a text log file called Modem???.TXT that you can read later. This log can be emailed to ElectraSoft for analyses.

Usage:

Find COM-Port FaxModem.

See [RESOLVING CONFLICTS] and [FaxModem INSTALLATION] in this file.

FaxModem INSTALLATION:

Notes:

1. To stay safe when removing/replacing hardware, always turn your computer off and unplug it.
2. To reduce the possibility of damaging electronic components in your computer with [static potentials] when removing/replacing hardware, place one hand on the metal chassis before removing/replacing hardware.

Read [USING MODEM TESTER] first...

(IMPORTANT: Read but don't do this unless you are installing or reinstalling a FaxModem)

Definitions:

COM, Communications-Port (1 - 4).

IRQ, Interrupt-ReQuest (0 - 15).

External FaxModem, is placed *ON* a COM-Port (UART).

Internal FaxModem, *REPLACES* a COM-Port (UART).

Notes:

1. An External Modem is plugged into an existing COM-Port (UART)!
2. An Internal Modem is a UART and REPLACES an existing COM-Port (UART)!

If you are having problems with a Modem, read the above lines until you comprehend and understand them.

Modem Teater is included with this fax software install. You can also get the standalone version from www.ElectraSoft.com. It will tell you what, if anything, is on all of your COM-Ports.

OCR INFORMATION:

32BF's OCR will convert a fax to text if the image does not include graphics, and it is computer generated using a non-fancy font. If you need a little more power, try:

- o Cuneiform OCR by: Cognitive Technology of San Francisco. Free trial. Their www-page is: <http://www.ocr.com>
- o FaxGrabber by: Calera.
- o TextBridge by: Xerox, Call Sue at 508-977-2000.

These packages have been reported to work well with 32BF.

MAPPING A SERVER DIRECTORY AS A DRIVE:

Go to a DOS prompt and type:

C:

CD\

MD FAXDRIVE

SUBST I: C:\FAXDRIVE

Now the directory on C: called FAXDRIVE can be seen as drive I. To verify this, Type:

I:
DIR

Note: Be sure to select a directory that actually exists and a drive that does not exist.

UNINSTALL:
Click [Uninstall]

REGISTRATION:

Only the unregistered version of 32bit Fax is a Shareware program. Upload it to bulletin boards (BBS). Give it to your friends and relatives. Tell your business associates about it. Don't let anyone miss out.

If you have a registered version of 32bit Fax you may *NOT* share it with others.

When you register, you will receive a diskette(s) with the latest version of 32bit Fax.

Please fill-in the included Registration Form below. You will receive a registered version of [32bit Fax]. Your registered version will not display reminder messages, and will have all the latest updates, improvements and bonus features.

```
=====
| Register: 32bit Fax, x9.01.06, 281-261-0307 |
| ElectraSoft, 3207 Carmel Valley Drive, MISSOURI CITY, TX 77459-3068 |
|== Please Print =====|
|
| Date___/___/___ Country_____ Wk Phone_____ |
|
| Name_____ Hm Phone_____ |
|
| Address_____ Fx Phone_____ |
|
| City_____ State_____ ZIP_____ |
|=====|
| Disk Size: __3.5-1.4MB |
|-----+-----+-----|
| 32bit Fax | Stations | Amount |
|-----+-----+-----|
| One Computer, or up to 2 Workstations | 2 | $___55.00 |
| | +-----+ | |
| Additional Workstations $30.00 each | | $____.____ |
|-----+-----+-----|
| Total Workstations and price | | $____.____ |
|-----+-----+-----|
| Texas residents, please, add Sales Tax (8.25%) - - - - - $____.____ |
| Registration, Shipping, and handling - - - - - $4.00 $____4.00 |
| email $5.00 extra - - - - - $5.00 $____.____ |
| Priority $5.00 extra - - - - - $5.00 $____.____ |
|-----+-----+-----|
| Total (Pay this amount) (NO REFUND) - - - - - US$____.____ |
|-----+-----+-----|
| _Cash _Check(US$ on a US Bank only) _DISCOVER _VISA _MC _AmEx _JCB |
|-----+-----+-----|
```


Card Number_____	Exp Date____/____
Print name as it appears on card_____	
Signature_____	Date Today____/____/____
(or Name if sending email, FAXing with computer)	
=Order Methods:=====	
Phone: Call ElectraSoft at 281-261-0307 or Send it to:	
ElectraSoft, 3207 Carmel Valley Dr, MISSOURI CITY, TX 77459-3068	
FAX: 281-499-5939	
email: FaxMail@ElectraSoft.com or jonk@blkbox.com	
Where did you find 32BF:_____	
email:_____	
=====	

Other ways to register 32bit Fax:

Email:

You can email the registration to FaxMail@ElectraSoft.com or jonk@blkbox.com. From 32bit Fax, run the [Register Now] / [Upgrade] button/ICON using your credit card. Open C:\32BITFAX\REGISTER.TXT Copy, paste it into an email message to us.

Fax:

You can fax in your registration. From 32bit Fax, click the [Register Now] / [Upgrade] button and using your credit card.

Internet, World Wide Web:

Go to: <http://www.ElectraSoft.com/> or <http://www.blkbox.com/~jonk> and click on the [REGISTER]32bit Fax button. If you select email, 32BF will be sent to you attached to an email message. If you order early in the day you will receive 32BF the same day. If you order late in the day, you will receive it the next day.

CompuServe:

GO SWREG
ID: 17097
Title: 32bit Fax

WARRANTY:

No warranty is provided to anyone who has not contributed for this program. ElectraSoft specifically disclaims all other warranties, expressed or implied, including but not limited to, implied warranties of merchantability and fitness for a particular purpose with respect to defects in the disk or documentation, and the program license granted herein. In no event shall ElectraSoft be liable for any loss of profit or any other commercial damage, including but not limited to special, incidental, consequential, or other damages.