

# CompuFax® Version 4.3 Quick Installation Instructions

## (for use on VAX or Alpha AXP Systems)

CompuFax contains a full fax server that runs on the primary computer node which has a fax modem device connected. CompuFax also contains a remote fax server that you can install on a remote node and send fax requests to the primary node. This procedure will allow installation of a Primary Fax Server. To install a Remote Fax Server system, please refer to Chapter 1, "CompuFax Installation."

### IMPORTANT

\*\*\*\* Primary Server and Remote Server never run on the same node \*\*\*\*

1. Log into the SYSTEM account and at the \$ prompt type the following: *note -- !Use FAX for VAX system  
!Use FAX\_AXP for Alpha system*

### **@SYS\$UPDATE:VMSINSTAL FAX location-of-distribution**

...where "location-of-distribution" is either the name of the tape drive where the tape is mounted or the path name to the saveset on the CD. The path name to the saveset on the CD consists of the disk name for the CD drive followed by [VAX] or [Alpha] depending on which system it is being installed on. For example:

@SYS\$UPDATE:VMSINSTAL FAX DKA400:[VAX]

2. Answer these VMSINSTAL questions as shown below:  
Is this node a FAX Full Device Server node? (Y/N) [Y]: Yes  
Remote Server on same disk? (Y/N) [N]: No  
\* Do you want to purge files replaced by this installation [YES]? No  
Will you be using a Multi-Tech fax modem? (Y/N) [Y]: Yes (N = no fax device)

Note: Even if you are not using a Multi-Tech modem, still select "YES".

If you are connecting a fax modem device, perform the Hardware Installation steps on the reverse side of this sheet.

3. For the Primary Fax Server node with a fax modem, configure the modem next. Skip this step if you are only evaluating the software.  
\$ EDIT SYS\$SYSDEVICE:[FAX]FAX.OPTIONS !Modify the lines denoted by " \*\* " for site-specifications

4. Start the CompuFax Primary Fax Server process:  
\$ @SYS\$SYSDEVICE:[FAX]FAX\_SYSTARTUP

5. Invoke the command below to create the symbol FAX as a command:  
\$ @FAX\$DIR:FAX\_SYLOGIN

Note: Enter the commands in Steps 4 and 5 into your system startup file and your system-wide login file, respectively.

6. Allow a few minutes for CompuFax to establish communications with the fax modem and bring the device on-line. Test the Primary Fax Server:  
\$ FAX SHOW DEVICE

7. Verify operation by sending a fax:  
\$ FAX SEND filename /NUMBER=your-fax-number /AFTER=TOMORROW  
  
\$ FAX SHOW QUEUE

8. Remove the entry in the fax queue:  
\$ FAX DELETE /ENTRY=id-number

Refer to Chapter 1, "CompuFax Installation", or use the CompuFax on-line Help for additional information. We suggest you review the product release notes, located in the CompuFax directory, for additional information.

9. Print and read the CF.RELEASE\_NOTES located in the FAX\$DIR directory.

# CompuFax® Hardware Installation and Configuration

(As shipped, CompuFax is set up to transmit faxes to the TTA0: device. It can easily be configured to send to a null device for testing. This allows you to demo the software without using a real fax device.)

## A. SETTING UP A TERMINAL SERVER PORT. (Skip to step B if using a direct connect.)

```
$ MCR LATCP CREATE PORT LTAxxxx (xxxx is arbitrary #)
$ MCR LATCP SET PORT LTAxxxx /NODE=server_name /PORT=PORT_n (n is the port #)
(Add the previous two lines to your LAT$SYSTARTUP.COM)
```

```
$ MCR NCP
NCP>CONNECT NODE servername
#ACCESS (or whatever login password has been set for your site)
Local> SET PRIV
Password> SYSTEM (or password for your site)
Local> DEFINE PORT n MODEM CONTROL DISABLED (n is the port #)
Local> DEFINE PORT n FLOW CONTROL XON
Local> DEFINE PORT n ACCESS REMOTE
Local> DEFINE PORT n BROADCAST DISABLED
Local> DEFINE PORT n SPEED 19200
Local> DEFINE PORT n INACTIVITY LOGOUT DISABLED
Local> DEFINE PORT n AUTOBAUD DISABLED
Local> LOGOUT PORT n
Local> SET NOPRIV
Local> LOGOUT
# Ctrl-D (Ctrl-W=Ctrl-D if using MultiSessions with original hotkeys)
NCP> EXIT
```

These commands may not apply to your server. If they do not, set up the port the same way you would set up a printer port.

## B. SETTING UP DIRECT CONNECT LINES.

```
$ SET TERM portname: /SPEED=19200 /NOMODEM /PERMANENT
```

## C. CONNECTING THE PORT TO THE FAX DEVICE.

Application Programming Interface (API) Class II - (Multi-Tech MT2834ZDX recommended.)  
Needs a standard modem cable. However, only: (2:Transmit, 3:Receive, 7:Signal Ground) must be connected.

## D. CONFIGURING PORT - Type the following line:

```
$ SET TERM portname: /ALYPEAHD /PERMANENT
```

and add the above line (and the lines from Step B if you are using a direct connect line) to your OpenVMS System startup file.

The recommended Application Programming Interface Class II modem is the Multi-Tech® MT2834ZDX. All Multi-Tech faxmodems have worked with current proms. Multi-Tech API Class II modems are the only ones recommended.

## E. TESTING THE CONNECTION.

CLASS II (Application Programming Interface Class II, Multi-Tech recommended)

```
$ SET HOST /DTE portname:
ATQ0 (As soon as the modem says OK, you have communication.)
AT+FCLASS=2 (If errors, try again. OK=Modem is FAX API CLASSII)
Ctrl-\ (Normal exit from SET HOST/DTE)
```

Note: If device does not respond, recheck these steps.

## F. INSTALL THE SOFTWARE USING THE INSTRUCTIONS ON THE REVERSE SIDE.

CompuFax is a registered trademark of Networking Dynamics Corporation.  
Multi-Tech is a registered trademark of Multi-Tech Systems, Inc.

If you have any questions please call NDC Customer Support at 1-800-275-6321 or fax at (727)446-4511.