



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Windows Terminal Program and 20XX or 481XX

AN# 1021A

Date: 7/16/96

Name: Irvin Hayes Jr

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Description: How to use Windows Terminal Program to Backup/Restore to 20XX/481X

Setting Up Windows Terminal Program:

The following is how to setup the Windows Terminal program to backup and restore OIL programs from the 20XX and 481X units:

1. Open the terminal program in Windows 3.1X.
2. Select the Communications option from the Settings menu.
3. Configure the communication settings as shown in Figure 1.

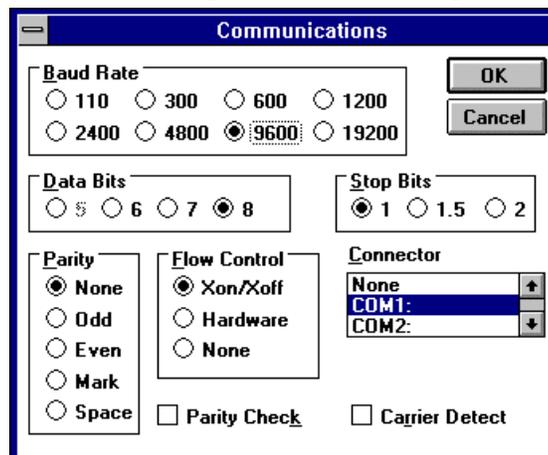


Figure 1

1. Select the appropriate Com port for you computer.



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5. Make sure that the 20XX/481X unit is setup to the same Baud rates and Parity in the Secondary Port configuration menu.

-- Serial Port Configuration Menu --

6 Baud - 1=300 2=600 3=1200 4=2400 5=4800 6=9600 7=19.2k
0 Parity - 0=Zero 1=One 2=Even 3=Odd
0 1=Parity Enabled . . . 0=Disabled
1 1=8 Data Bits . . . 0=7 Data Bits
1 1=Full Duplex . . . 0=Half Duplex
1 1=Handshaking Enabled . . 0=Disabled
0 1=RTS/CTS Handshaking . . 0=Don't Echo Input

6. Select the Terminal Emulation from the Settings menu and configure it as shown in Figure 2.

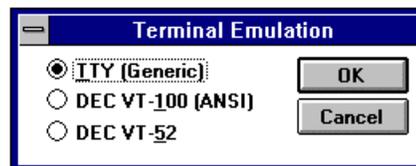


Figure 2



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7. Select the Terminal Preferences from the Settings menu and configure it as shown in Figure 3.

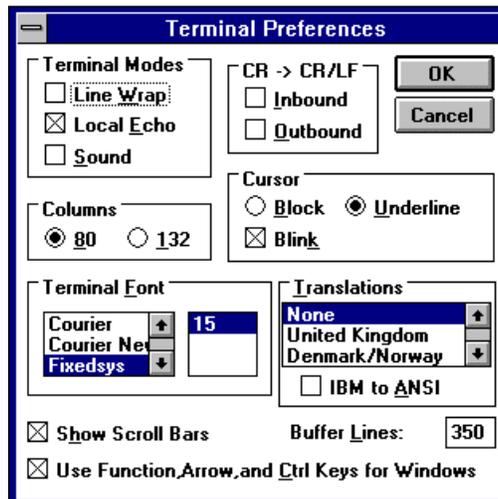


Figure 3



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8. Select the Text Transfers from the Settings menu and configure it as shown in Figure 4.

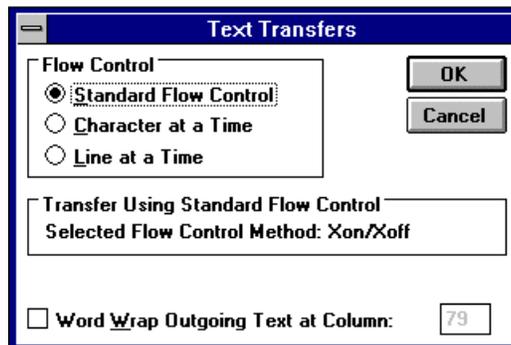


Figure 4

9. Now you are ready to download your program.



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Backing Up Your Application:

1. Select Receive Text File from the Transfers Menu and Figure 5 will appear.

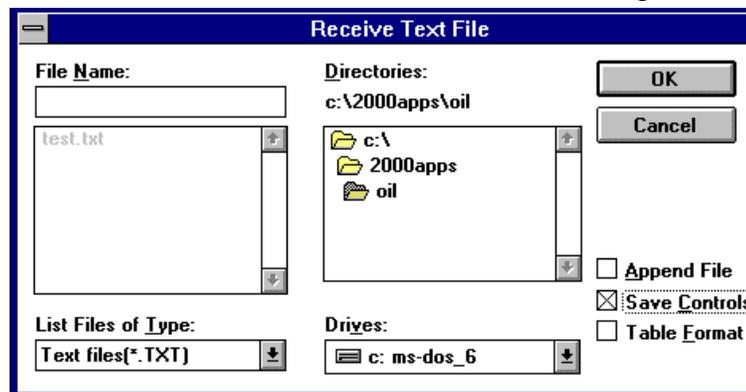


Figure 5

8. Select the Backup option from the Backup/Restore screen on your Xycom unit.
9. You will be given three option (<P>rograms, <R>egister Values, or <A>ll). Select Programs and then select "All" for all of the program blocks.
10. The Xycom system should then start downloading and Windows terminal should echo the characters across the screen.
11. Make sure that you select "Save Controls" in the bottom right corner of the dialog box before hitting the "OK" button. If this is not selected your application will not download properly.
12. After completing you backup select the Verify option on the Xycom unit and send the program back to the Xycom unit as instructed on the next page. This will verify that your program was saved properly.



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To Restore Your Program:

1. With the same communication settings, as shown on page 1, select the Send Text File from the Transfer Menu and Figure 6 will appear.

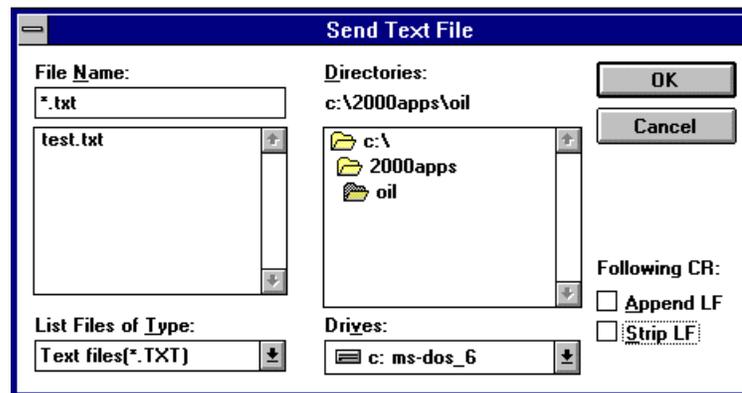


Figure 6

8. Select the Restore option from the Backup/Restore screen on your Xycom unit.
9. The Xycom unit will then be ready for accepting a program
10. Make sure you deselect the "Strip LF" option before selecting the OK button. If this is not deselected your download will not work properly.
11. You can also select the Verify option on the Xycom unit to make sure that you program was restored properly.