

## QUICK REFERENCE GUIDE TO INSTALLING XILINX SOFTWARE ON THE WAYSIDE ACCESS GATEWAY (WAG)

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Version A.1

### Instructions For Uploading Xilinx Software To The WAG

Use the HyperTerminal program to interact with the WAG. HyperTerminal is included with the standard Windows® 9x/NT/2000/XP installation.

#### Tools Needed:

- IBM compatible computer (laptop or desk top) equipped with a CD drive
- Null modem serial cable or straight serial cable with a null modem adapter
- CD containing WAG Xilinx software (xilwag15.bin) supplied by Siemens

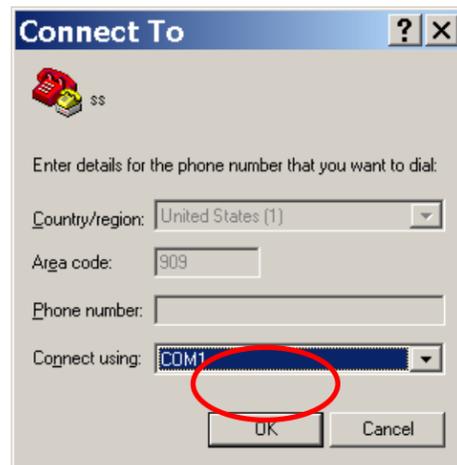
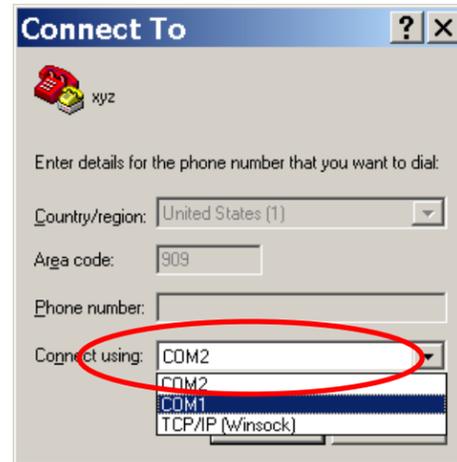
#### Connecting PC to WAG Using HyperTerminal:

1. Connect the null modem cable between the serial port on the front of the WAG (J1) and the serial COM port of the computer. Make sure the cable is a null cable or use a null modem adapter.
2. Start the HyperTerminal program on your PC (**Start > All Programs > Accessories > Communications > HyperTerminal**). The HyperTerminal **Connection Description** screen is displayed.

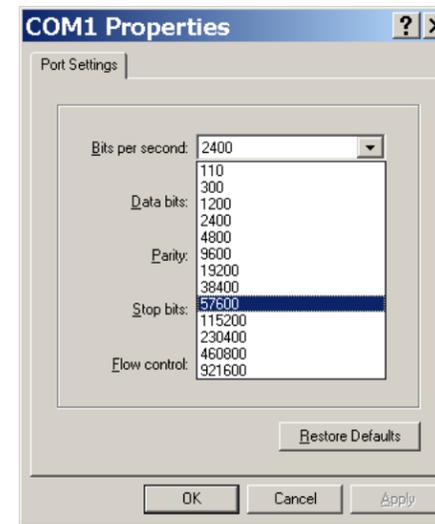
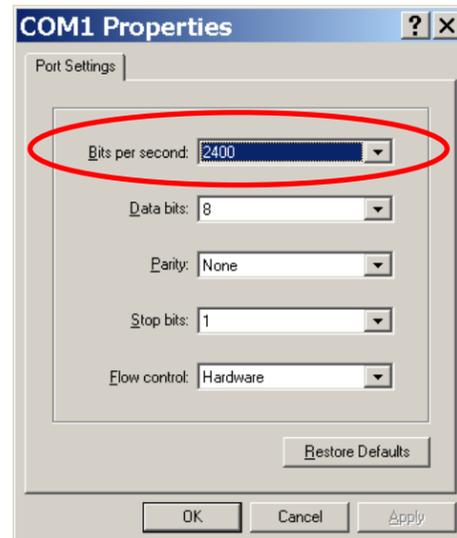


3. Give the connection a name and click **OK**.

4. When the **Connect To** screen appears, select the PC Com port from the **Connect using** drop down menu (most likely **COM1**). Click **OK**.



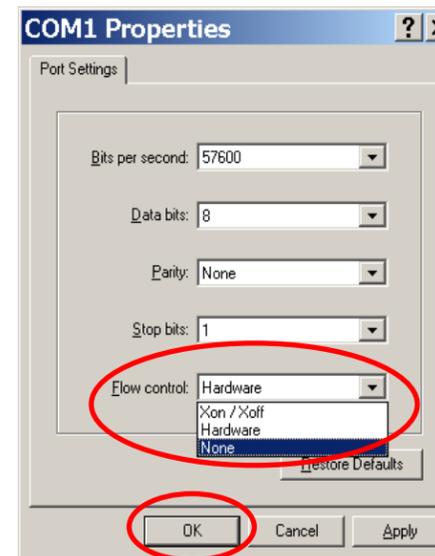
5. On the **COM Properties** screen, select the baud rate from the **Bits per second** drop down menu (try 57600).



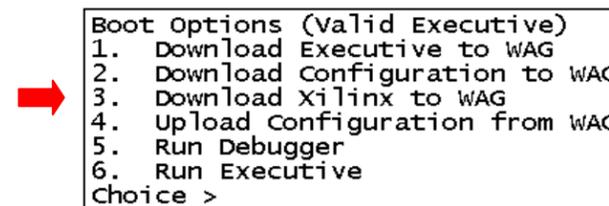
#### NOTE

If the screen fails to display normal text as shown in step 7 below when the WAG is powered up, you may have to select a different baud rate.

6. Set **Flow control** to **None**. Click **OK**.

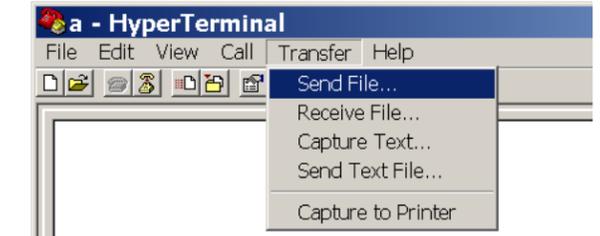


7. Apply power to the WAG. When the system is first powered up, the WAG boot monitor runs and the boot options menu is displayed. You have 5 seconds from when the menu appears to select option **3** (type **3** and press **Enter** on the computer keyboard).

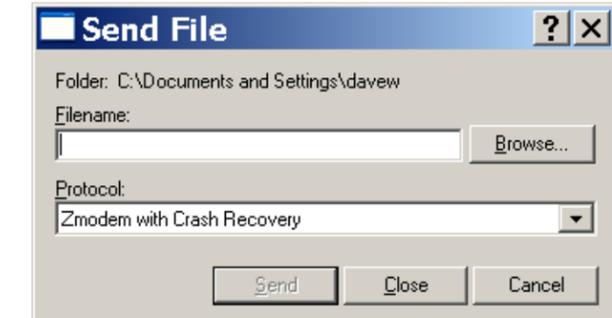


#### Boot Options Menu

8. After option 3 is selected the statement "**Waiting to receive Xilinx . . .**" is displayed below the menu. Select "**Send file**" from the **Transfer** menu at the top of the HyperTerminal screen.

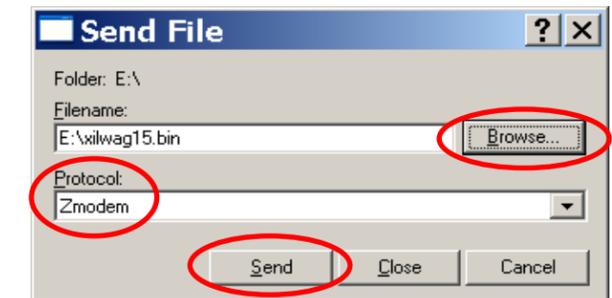


The **Send File** pop-up window will be displayed.



#### Send File Pop-up Window

9. Click the **Browse** button and navigate to the location of the Xilinx file (CD drive). Set the file transfer protocol to **Zmodem** and click **Send**.



The **Zmodem file send** screen will be displayed.



10. When the download is complete, restart the WAG.