XYCOM AUTOMATION

OPERATOR INTERFACE PRODUCTS
APPLICATION NOTE

Subject: Downloading a SoftScreen for DOS Application   AN# 1091A
Date: October 21, 1999
Name: Shiu Moy
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Description: Procedure for sending a SoftScreen for DOS application to a SoftScreen Workstation

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1. Connect a Smart Cable between the PC and SoftScreen Workstation (put the switch in the middle position). If a Smart Cable is not available, the pinout for a 9-pin to 9-pin RS-232 cable is:

Xycom SoftScreen Workstation	Download PC
2	3
3	2
5	5

2.   The connection on the SoftScreen Workstation should be the following port:

PCEngine………….Port1(Com1)
9450SSW………….Port1(Com1)
8320……………….Port1
2000……………….Secondary Port

3. Check the jumpers on the 2000 Secondary Port, J1 to J8 must be in the "B" position. For 8320, the jumpers on Port 1, J11 to J26 must be in the "A" position.

4. The connection on the Download PC should go to the port that is selected in the Configuration-Edit-System menu, in the SEND PORT field. Choices are COM1 and COM2. Default is COM1.

5. On the Download PC, load the application, then click on TOOLS, then SEND.

6. The Development system will prompt you for the "Receiving Engine". This address must

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match the address that the SoftScreen Workstation is set to. This is not the address of the PLC, nor is it the address that SoftScreen Workstation occupies on a PLC network. This address is for downloading SoftScreen applications only. It can be configured by doing the following:

PCEngine, 9540SSW and 8320: While a SoftScreen application is running, hold down CTRL **a**nd BREAK at the same time, choose SETUP, then STATION ADDRESS, then set the station address.

2000: While a SoftScreen application is running, hold down CTRL and BREAK at the same time, choose CONFIGURATION, then set the station address.

7. Click on OK on the Development software.

8. At this point, the SoftScreen Workstation should be receiving the application. You may notice the screen on the workstation blinking, this is good. This means that the workstation is receiving the application.

9. If you are having problems downloading, as a last resort you may select Receiving Engine of 0. If this works, and another address did not, then other things, besides the address maybe wrong. By selecting a station address of 0, this ignores the station address, it also ignores the acknowledgement from the SoftScreen Workstation.

Note: Baud Rate, Parity, or any communications parameters does not need to be set.