

Installing a Sealevel Serial I/O Card With Testpoint:

It is very easy to use any Sealevel RS-232 or RS-422 serial card with TestPoint. Install the card as per the directions in SeaCOM.hlp or your manual, and use the device manager to find out what port(s) the card is installed as. First drag a "RS232" icon into the objects list.



Double Click on the "RS232 1" listing to bring up the properties dialog box.

🚥 Object "R5232 1" [App. #4]	×
Name RS232 1 Help	
COM port # 2	
Default output term. CR Default input term. CR	
Timeout (sec) 5	
Event on receiving character:	
Output queue size 1024 Input queue size 1024	
Demo mode	
Settings Actions Comments XRef	_



Change the "COM #" box to the com port that will be used, and all other parameters can be left on default.

Now drag the icon "Data-Entry" into the objects list.



Double click on "Data-Entry1" listing to bring up the properties dialog box.

🖬 Object "Data-Entry1" [App. #6]	_ 🗆 🗙
Name Data-Entry1 Help	
Exec. actions at initialize Initial Value	
Numeric	
Min. value Max. value	
Multi-line Click on "Actions" tab	
Visible Enabled	
Setting Actions Comments XRef	

Click on the "Actions" tab.



Then click on the "Actions" tab and drag the "RS232 1" from the objects list to the action screen. A popup menu will appear, select the "Output to" option.

📧 Object "Data-Er	ntry1" [App. #	6]			
1) Output to	RS232 1	with	, term.= <mark>CR</mark>	, wait for completion?=1	
Settings Actio	ns / Commer	its /\ XRef /	/		

Drag the "Data-Entry1" from the objects list to the "RS232 1" output box.



Now that we have the output stage complete, lets work on the input stage. Now drag the icon "Data-Entry" into the objects list one more time.





Double click on "Data-Entry2" in the objects list to bring up the properties dialog box. Select the Multi-line option and then select the "Actions" tab.

🚥 Object "Data-Entry2" [App. #6]	_ 🗆 🗙
Name Data-Entry2 Help	
Exec. actions at initialize Initial Value	
Numeric	
Min. value Max. value	
Multi-line * Make sure that that this is checked. *	
Visible Enabled	
Bezel Caption Click on "Actions" tab	
Settings Actions Comments XRef	

Double Click on the "RS232 1" listing to bring up the properties dialog box. * Make sure that you type "CR" in the "Event on receiving character:" box.

💀 Object "R5232 1" [App. #6]	×
Name RS232 1 Help	
COM port # 1	
Default output term. CR Default input term. CR	
Timeout (sec) 5	
Event on receiving character: CR	
Output queue size 1024 Input queue size 1024	
Demo mode	
Click on the "Actions" tab	ļ
Settings Actions Comments XRef	



Then click on the "Actions" tab and drag the "RS232 1" from the objects list to the action screen. A popup menu will appear, select the "Enter from" option.

🛯 Object "R5232	1" [App. #6]			
1) Enter from	RS232 1	up to <mark>256</mark>	bytes, stop on EOS= <mark>CR</mark>	
<u> </u>				
Settings /\ Actio	ns / Comment	ts 🔿 XRef /		

Now drag the drag the "RS232 1" from the objects list to the action screen. A popup menu will appear, select the "Enter from" option



Drag the "RS232 1" from line one to the "new line(s)=" box.

🔤 Object "R5232	Cubb: #o		• • • • • • • • • • • • • • • • • • •
1) Enter from	RS232 1	up to <mark>256 🖕</mark>	s, stop on EOS= <mark>CR</mark>
2) Append to	Data Entry	2 new line(s)=RS2	32 1

Now with some resizing and cosmetic work your project turns out looking like this!



SeaCOM Echo [App.#6 demo.tst]	<u>_</u> _×
Data-Entry2	
Hello World	<u> </u>
	-
1	Þ
Data-Entry1 Hello World	

Please see the SeaCOMEcho.tst example program for this example of piping a SeaCOM port to a Data-Entry object. RS-485 cards with autoenable turned on also work well with TestPoint, although the SeaCOMEcho.tst isn't as appropriate.