YOUR PC NEEDS TO CONNECT TO THE HARDWARE IN SOME WAY. THERE ARE BASICALLY TWO OPTIONS AVAILABLE
1. USING THE RS-232 STANDARD
2. USING A NETWORK CONNECTION

YOU CAN ALWAYS COMBINE THESE TWO METHODS IF YOU NEED MULTIPLE POINTS OF ACCESS.

RS-232
THE RS-232 STANDARD WILL REQUIRE A WORKING COM PORT IN THE PC.

THE COM PORT CAN BE EITHER INTEGRAL WITH THE MOTHERBOARD OF THE PC, IT CAN BE ADDED IN TO THE PC USING A COMPATIBLE PCI CARD, OR IT COULD BE DONE USING A USB ADAPTER.
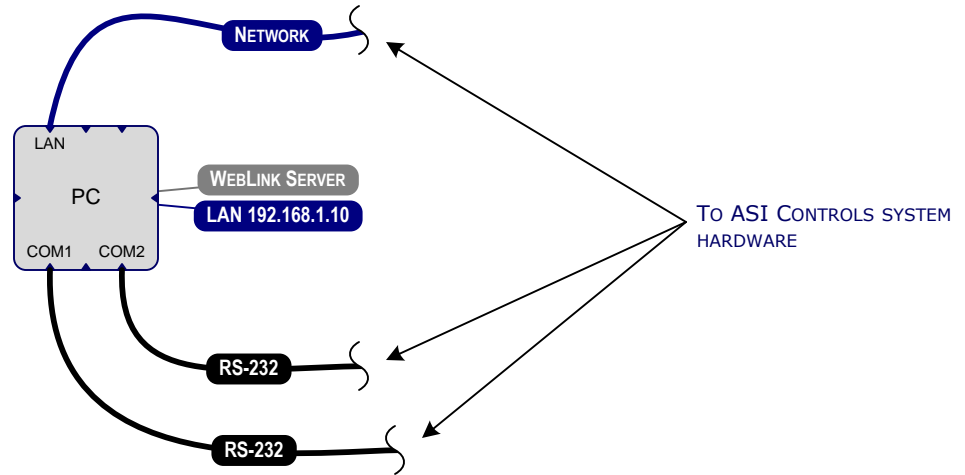
YOU CAN COMBINE ANY OF THE METHODS MENTIONED ABOVE TO ACHIEVE MORE THAN ONE COM PORT, IF NEEDED.

NETWORK
IF YOU ARE CONNECTING USING A NETWORK, YOU WILL NEED A WORKING NETWORK ADAPTER. IT IS PREFERED FOR THE ADAPTER TO BE HARD-WIRED, BUT WIRELESS ADAPTERS WILL WORK AS WELL. THEIR RELABILITY AND SECURITY IS NOT AS GREAT.

THIS ADAPTER CAN BE EITHER BE BUILT INTEGRAL WITH THE MOTHERBOARD OF THE PC, IT CAN BE ADDED IN USING A COMPATIBLE CARD, OR IT CAN BE A USB ADAPTER.

YOU CAN COMBINE ANY OF THE METHODS MENTIONED ABOVE TO ACHIEVE MORE THAN ONE NETWORK ADAPTER, IF NEEDED.

NETWORK

LAN

PC

WEBLINK SERVER
LAN 192.168.1.10

COM1   COM2

RS-232

RS-232

TO ASI CONTROLS SYSTEM HARDWARE
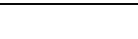
TITLE	PC TO HARDWARE CONNECTION OVERVIEW		
DATE	2008-DEC-05	REV	2008-DEC-06
DRAWN BY	PDL	SCALE	None
NUMBER	ASI-1		

ASI Controls

ASI CONTROLS
2202 CAMINO RAMON
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RS-485 Local Bus
RS-485 Modbus RTU
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